# U.S. Department of Transportation Federal Aviation Administration

Washington, DC

# **Master Minimum Equipment List (MMEL)**

Revision: 17a Date: 08/15/2017

**Airbus A330-200, A330-200F, A330-300** 

James P. Culet, Chair Flight Operations Evaluation Board (FOEB)

Federal Aviation Administration (FAA)
Seattle Aircraft Evaluation Group (SEA-AEG)
1601 Lind Avenue SW
Renton, WA 98057-3356

Telephone: (425) 917-6600 Fax: (425) 917-6638

## U.S. DEPARTMENT OF TRANSPORTATION

### MASTER MINIMUM EQUIPMENT LIST

I

### FEDERAL AVIATION ADMINISTRATION

AIRCRAFT: REVISIO A330-200, A330-200F, A330-300 DATE

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Н	HIGHLIGHTS OF CHANGE							

EFFECTIVE ABOVE DATE, the Airbus A330 Master Minimum Equipment List (MMEL) has been revised. Replace affected pages with Revision 17a for a complete, up-to-date MMEL. For each ATA chapter containing a change(s), the revision number and date will be updated accordingly on all pages of that ATA chapter. This revision inserts the correct A330 Modification numbers to an item in Chapter 34 and adds titles to item numbers for existing relief "redirects" per MMEL formatting guidelines.

PAGE NO.	EXPLANATION OF CHANGE
ATA 22 AUTOFLIGHT	
73-05	Added item title to relief redirect.
ATA 23 COMMUNICATIONS	
11-01	Removed placeholder verbiage indicating NOTE was previously deleted.
51-02	Added item number for relief redirect.
ATA 25 EQUIPMENT/FURNISHINGS	
62-01	Added item title to relief redirect.
ATA 26 FIRE PROTECTION	
16-03	Added item title to relief redirect.
ATA 31 INDICATING/RECORDING SYSTEMS	
30-01	Added item title to relief redirect.
ATA 33 LIGHTS	
20-02	Added item title to relief redirect.
ATA 34 NAVIGATION	
42-03	Added title to relief redirect.
43-01	Corrected Modification numbers in NOTES for ATSAW.

U.S. DEPARTMENT OF TRANSPORTA	_	TER MINIMUM EQUIPMENT LIST
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HI	GHLIGHTS OF CHANGE	

	THORIEGITIO OF OTIVITOE
PAGE NO.	EXPLANATION OF CHANGE
ATA 35 OXYGEN	
12-01	Added title to relief redirect.
13-01	Added title to relief redirect.
ATA 36 PNEUMATIC	
22-01	Added title to relief redirect.
ATA 52 DOORS	
10-05	Added title to relief redirect.

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	DEFINITIONS		

For the Master Minimum Equipment List, Definitions addendum, refer to the current FAA MMEL Policy Letter PL-25, Policy Concerning MMEL Definitions, as found on the Flight Standards Information Management System (FSIMS) website.

FSIMS - Publications - MMEL Policy Letters

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	PREAMBLE		

For the Master Minimum Equipment List, Preamble addendum, as used for operations under 14 CFR parts 121, 125, 129, and 135, refer to the current FAA Policy Letter PL-34, MMEL and MEL Preamble, as found on the Flight Standards Information Management System (FSIMS) website.

FSIMS - Publications - MMEL Policy Letters

	VIATION ADMINISTRATIO				
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	,	ММ	FI T	ΆΒΙ	E KEY
		_			CATEGORY
SYSTEM & SEQUENCE	ITEM		2.1	NUM	BER INSTALLED
NO.	I I DIVI			3. 1	NUMBER REQUIRED FOR DISPATCH
V(1) (SV(1) (V)					4. REMARKS OR EXCEPTIONS
21. AIR CON			l .		Chan
Sequence No.	Item	1	2	3	4 Chan Bar
21-01	Cabin Fans (Recirculation Fans)				
1)	A330-200, A330-300	С	2	1	<ul><li>(O) One may be inoperative provided:</li><li>a) Both air conditioning packs operate normally, and</li><li>b) HI Flow is selected.</li></ul>
2)	A330-200F	D	2	1	(O) One may be inoperative provided both air conditioning packs operate normally.
		С	2	0	<ul><li>(O) Both may be inoperative provided:</li><li>a) Both air conditioning packs operate normally, and</li><li>b) HI Flow is selected.</li></ul>
21-02	Recirculation Valves (A330-200, A330-300)	С	2	0	(O) May be inoperative provided alternate procedures are established and used.
21-03	CAB FANS pb-sw				
1)	OFF Light	С	1	0	
21-04 ***	Lower Deck Cabin Crew Rest Compartment Ventilation (A330-200, A330-300)	D	1	0	<ul> <li>(M) May be inoperative provided:</li> <li>a) The isolation valve is closed, and</li> <li>b) The lower deck cabin crew rest compartment is locked closed and not used.</li> </ul>
1)	Low Flow Buzzer	С	1	0	(O) May be inoperative provided a procedure is used to periodically check that the operative LEAVE MCR sign or the LOW FLOW lamp are not illuminated when the lower deck cabin crew rest compartment is used.
21-05	Indications on ECAM COND Page				
1)	Cabin FAN	С	2	0	

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			N N		MASTER MINIMUM EQUIPMENT LIST
FEDERAL A	VIATION ADMINISTRATIO		// С /	) N N	IO. 17 PAGE NO.
	, A330-200F, A330-300	KE	_		4/05/2017 PAGE NO. 21-2
	<u> </u>	ММ	EL T	ABL	E KEY
SYSTEM &			REP/	AIR (	CATEGORY
SEQUENCE	ITEM		2. 1		BER INSTALLED
NO.				3. [	NUMBER REQUIRED FOR DISPATCH  4. REMARKS OR EXCEPTIONS
21. AIR CON	IDITIONING				4. REMARKS ON EXCELLIONS
Sequence No.	Item	1	2	3	4 Change Bar
21-06	Bulk Crew Rest Compartment Ventilation (With STC No. ST11686SE-T)	D	1	0	(M)(O) May be inoperative provided:  a) The isolation valve is closed, and b) The Bulk Crew Rest Compartment is locked closed, not used, and considered inoperative.
1)	LOW FLOW Lighted Signs	D	3	1	May be inoperative provided the LOW FLOW aural alert is operational.
		D	3	0	(M)(O) May be inoperative provided the Bulk Crew Rest Compartment is locked closed, not used, and considered inoperative.
2)	LOW FLOW Aural Alert	D	1	0	(M)(O) May be inoperative provided the Bulk Crew Rest Compartment is locked closed, not used, and considered inoperative.
3)	LOW PRESSURE Lighted Indication/ Aural Warning	D	1	0	(M)(O) May be inoperative provided the Bulk Crew Rest Compartment is locked closed, not used, and considered inoperative.
21-07	Flightcrew Rest Compartment (FCRC) Heater System	С	1	0	(O) May be inoperative provided FCRC use is acceptable to crewmembers.
		С	1	0	(O) May be inoperative provided a passenger seat in the cabin is made available for the crewmember(s).

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	,	ММ			E KEY
CVCTEM					CATEGORY
SYSTEM & SEQUENCE	ITEM		2. 1		BER INSTALLED
NO.	TT ZIW			3.1	NUMBER REQUIRED FOR DISPATCH
21. AIR CON	IDITIONING				4. REMARKS OR EXCEPTIONS
Sequence No.	Item	1	2	3	4 Change Bar
21-08	Lower Deck Mobile	С	1	0	(O) May be inoperative provided
2. 00	Crew Rest Area (LD-MCR) Heater System		•		LD-MCR use is acceptable to crewmembers.
		D	1	0	(O) May be inoperative provided LD-MCR is locked closed and not used.
21-09	Bulk Crew Rest Compartment Heater System (With STC No. ST11686SE-T)	С	1	0	<ul> <li>(M)(O) May be inoperative provided:</li> <li>a) The heaters are deactivated, and</li> <li>b) Bulk Crew Rest Compartment use is acceptable to crewmembers.</li> </ul>
		D	1	0	(M)(O) May be inoperative provided the Bulk Crew Rest Compartment is locked closed, not used, and considered inoperative.
1)	Electric Heaters	С	3	1	(M) May be inoperative provided affected heater(s) is deactivated.
21-10	Bulk Crew Rest Compartment Temperature Sensor (With STC No. ST11686SE-T)	С	2	0	May be inoperative provided the Bulk Crew Rest Compartment heater system is considered inoperative.

U.S. DEPAR	TMENT OF TRANSPORTA	TIOI	٧			
	VIATION ADMINISTRATIO	N I			MASTER MINIMUM EQUIPMENT LIST	Γ
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	A330-200F, A330-300				04/05/2017 21-4	
		ММ	EL T	ABL	LE KEY	
SYSTEM &		1. F			CATEGORY	
SEQUENCE	ITEM		2.1		MBER INSTALLED	
NO.				3. ľ	NUMBER REQUIRED FOR DISPATCH  4. REMARKS OR EXCEPTIONS	
21. AIR CON	DITIONING				4. REIM RRICO OR EXCEL FIGHTS	
Sequence No.	Item	1	2	3	4 Char	
21-11	Main Deck Cargo Isolation valve (FWD and AFT) (A330-200F)					
1)	Isolation Valve	С	4	2	<ul> <li>(M)(O) May be inoperative provided:</li> <li>a) Affected isolation valves are deactivated in the closed position,</li> <li>b) Associated trim air valves are deactivated in the closed position, and</li> <li>c) Access to the main deck cargo compartment is not authorized during flight.</li> </ul>	
		В	4	0	<ul> <li>(M)(O) May be inoperative provided:</li> <li>a) All the isolation valves are deactivated in the closed position,</li> <li>b) Associated trim air valves are deactivated in the closed position,</li> <li>c) The total air temperature (TAT) is monitored in flight and remains above -15 degrees C, and</li> <li>d) Access to the main deck cargo compartment is not authorized during flight.</li> </ul>	
2)	ISOL VALVES pb-sw	С	4	0	May be inoperative in the open position provided the main deck cargo compartment is empty or does not contain flammable or combustible materials.	
۷)	100F AVEAFO hn-2M					
a)	FAULT Light	D	1	0	May be inoperative.	
b)	OFF Light	D	1	0	May be inoperative.	

	VIATION ADMINISTRATIO					
AIRCRAFT:	, A330-200F, A330-300	RE'			IO. 17 PAGE NO. 4/05/2017 21-5	
7,000 200	, 7,000 2001 , 7,000 000	ММ			E KEY	
		_			CATEGORY	
SYSTEM & SEQUENCE	ITEM				BER INSTALLED	
NO.	ITEM			3. 1	NUMBER REQUIRED FOR DISPATCH	
0.000000000					4. REMARKS OR EXCEPTIONS	
21. AIR CON		T .			1.	Change
Sequence No.	Item	1	2	3	4	Bar
21-12 ***	Lower Deck Mobile Crew Rest Compartment Ventilation (With STC No. ST02440SE)	D	1	0	<ul> <li>(M)(O) May be inoperative provided:</li> <li>a) The isolation valve is closed, and</li> <li>b) The Lower Deck Mobile</li> <li>Crew Rest is locked closed and not used.</li> </ul>	
1)	LOW FLOW Lighted Signs	D	3	1	May be inoperative provided LOW FLOW aural alert is operational.	
		D	3	0	May be inoperative provided the Lower Deck Mobile Crew Rest is locked closed and not used.	
2)	LOW FLOW Aural Alert	D	1	0	May be inoperative provided Lower Deck Mobile Crew Rest is locked closed and not used.	
21-13	Lower Deck Mobile Crew Rest Heater System (With STC No. ST02440SE)	D	1	0	(M)(O) May be inoperative provided the Lower Deck Mobile Crew Rest is locked closed and not used.	
1)	Electric Heaters	С	2	0	(M)(O) May be inoperative provided:  a) The heaters are deactivated, and b) Lower Deck Mobile Crew Rest is acceptable to crewmembers.	
2)	Electric Heater	С	2	1	(M)(O) May be inoperative provided:  a) The heater is deactivated, and b) Lower Deck Mobile Crew Rest is acceptable to crewmembers.	
3)	Temperature Sensor	С	4	0	<ul> <li>(M)(O) May be inoperative Provided:</li> <li>a) The heater controller(s) are in safe mode, and</li> <li>b) Lower Deck Mobile Crew Rest is acceptable to crewmembers.</li> </ul>	
		D	4	0	May be inoperative provided the Lower Deck Mobile Crew Rest is locked closed and not used.	
					(Continued)	

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	VIATION ADMINISTRATION		//01/	2012	
AIRCRAFT: A330-200	, A330-200F, A330-300	KE			IO. 17 PAGE NO. 4/05/2017 21-6
	, ,	ММ			E KEY
CVCTEM 0					CATEGORY
SYSTEM & SEQUENCE	ITEM		2. 1		BER INSTALLED
NO.				3.1	NUMBER REQUIRED FOR DISPATCH  4. REMARKS OR EXCEPTIONS
21. AIR CON	IDITIONING		<u> </u>		4. REMARKS OR EXCEPTIONS
Sequence No.	Item	1	2	3	4 Change Bar
21-13	Lower Deck Mobile Crew Rest Heater System (With STC No. ST02440SE) (Cont'd)				
4)	Heater Controllers	С	2	0	<ul> <li>(M)(O) May be inoperative provided:</li> <li>a) The heater controller(s) are in safe mode, and</li> <li>b) Lower Deck Mobile Crew Rest is acceptable to crewmembers.</li> </ul>
21-42	Aft Galley Area Heater System	D	1	0	(M) May be inoperative provided it is deactivated.
23-01	Lavatory and Galley Extraction Fan	С	1	0	(O) May be inoperative.
23-02	Lavatory and Galley Differential Pressure Switch	С	1	0	

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SYSTEM &		1. F			CATEGORY			
SEQUENCE	ITEM		2. I		BER INSTALLED			
NO.				3.1	NUMBER REQUIRED FOR DISPATCH  4. REMARKS OR EXCEPTIONS			
21. AIR CON	IDITIONING				I HEIM WITH SIX EXCENTIONS			
Sequence No.	Item	1	2	3	4 Change Bar			
23-05	In Flight Entertainment Center Bay Ventilation (A330-200, A330-300)	D	1	0	(M) May be inoperative provided the In Flight Entertainment System is deactivated.			
23-06	GALY & LAV FAN pb-sw (A330-200F)							
1)	OFF Light	D	1	0	May be inoperative.			
25-01	Air Conditioning Compartment Ventilation Turbofan	С	1	0	(M)(O) May be inoperative provided:  a) Alternate procedures are established and used, and b) Turbofan is deactivated.			
25-02	Air Conditioning Compartment Turbofan Supply Valve	С	1	0	(M)(O) May be inoperative closed provided alternate procedures are established and used.			
					NOTE: Failure of the turbofan supply valve in open position is indicated by a MAINTENANCE STATUS message.			
25-03	Air Conditioning Compartment Turbofan Pressure Switch	С	1	0	(M) May be inoperative provided turbofan operates normally.			

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		ММ	EL T	ABL	LE KEY
SYSTEM & SEQUENCE NO.	ITEM	1. F		NUM	CATEGORY IBER INSTALLED NUMBER REQUIRED FOR DISPATCH
W155853155					4. REMARKS OR EXCEPTIONS
21. AIR CON		T 4			A Change
Sequence No.	Avianias Equipment	1 C	1	3 0	Bar
20-01	Avionics Equipment Ventilation Extract Fan				<ul> <li>(M)(O) May be inoperative provided:</li> <li>a) Both cabin fans operate normally,</li> <li>b) EXTRACT pb-sw is selected to OVRD, and</li> <li>c) Airplane remains at or below FL 290 if dispatch is also combined with one air conditioning pack inoperative.</li> </ul>
26-02	Avionics Equipment Ventilation Overboard Extract Valve	С	1	0	<ul> <li>(M)(O) May be inoperative provided: <ul> <li>a) Valve is manually set in full open position for ground operations with engines not running,</li> <li>b) Valve is manually set in partially open position just prior to engine start,</li> <li>c) EXTRACT pb-sw is selected to OVRD just prior to engine start, and</li> <li>d) Airplane remains at or below FL 290 if dispatch is also combined with one air conditioning pack inoperative.</li> </ul> </li> </ul>
26-03	Avionics Equipment Ventilation Underfloor Extract Valve	С	1	0	<ul> <li>(M)(O) May be inoperative in closed position provided: <ul> <li>a) EXTRACT pb-sw is selected to OVRD just prior to engine start, and</li> <li>b) Airplane remains at or below FL 290 if dispatch is also combined with one air conditioning pack inoperative.</li> </ul> </li> </ul>

AIRCRAFT:			_		IO. 17	PAGE NO.			
A330-200	o, A330-200F, A330-300	DATE: 04/05/2017 21-9							
		_			.E KEY CATEGORY				
SYSTEM &	12222	'. '			BER INSTALL	ED			
SEQUENCE	ITEM					UIRED FOR DISPATCH			
NO.				0000 0	4. REMARKS	S OR EXCEPTIONS			
21. AIR COI	NDITIONING								
Sequence No.	Item	1	2	3	4		Change Bar		
26-04	Avionics Equipment Ventilation Controller (AEVC)	С	1	0	a) Overbin full deaction operation not rub) OVRE pb-sw c) Under manuwithout d) Overbin clos	noperative provided: poard valve is manually set open position, without ivation, for ground tions with engines nning, of function of the EXTRACT operates normally, rfloor extract valve is ally set in open position, ut deactivation, and poard valve is manually set sed position, without ivation, before engine start.			
26-05	Cooling Effect Detector (CED)	С	1	0	a) Both o condit norma b) Ventil avioni	noperative provided: cabin fans and both air tioning packs operate ally, and ation airflow through ics racks is verified before departure.			
26-06	EXTRACT pb-sw								
1)	FAULT Light	С	1	0					
2)	OVRD Light	С	1	0					
26-07	Indications on ECAM CAB PRESS Page								
1)	EXTRACT (Valve Position)	С	1	0					

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		мм	EL T	ABL	E KEY				
SYSTEM & SEQUENCE NO.	ITEM		REPA	AIR O	CATEGORY BER INSTALLED NUMBER REQUIRED FOR DISPATCH				
21. AIR CON	IDITIONING				4. REMARKS OR EXCEPTIONS				
Sequence No.	Item	1	2	3	4 Change				
26-08	Warning and Caution on ECAM E/WD	•			Bar				
1)	VENT BLOWING FAULT	С	1	0	<ul> <li>(M) May be inoperative provided:</li> <li>a) Both cabin fans and both air conditioning packs operate normally, and</li> <li>b) Ventilation airflow through avionics racks is verified before each departure.</li> </ul>				
27-01 ***	Avionics Equipment Ground Cooling System	D	1	0					
27-02 ***	Avionics Equipment Ground Cooling Skin Valve	D	1	0	(M) May be inoperative in closed position.				
28-01	Cargo Compartment Ventilation Controller								
1)	Channels	С	2	1	Deleted, Revision 17.				

AIRCRAFT:	VIATION ADMINISTRATIO		REVISION NO. 17 PAGE NO.					
A330-200,	A330-200F, A330-300				04/05/2017 21-11			
					LE KEY			
SYSTEM &		1.1			CATEGORY //BER INSTALLED			
SEQUENCE	ITEM		2. 1	_	NUMBER REQUIRED FOR DISPATCH			
NO.				0. 1	4. REMARKS OR EXCEPTIONS			
21. AIR CON	DITIONING							
Sequence No.	Item	1	2	3	4 Chang Bar			
28-02 ***	FWD Lower Deck Cargo Compartment Ventilation and Cooling							
1)	Extraction Fan	С	1	0	(O) May be inoperative provided alternate procedures are established and used.			
					NOTE: For live animal transportation, refer to the Live Animal Transportation Calculation tool (LATC).			
2)	Isolation Valves							
a)	A330-200, A330-300	С	3	0	(M)(O) May be inoperative provided affected valves are verified closed.			
					NOTE: For live animal transportation, refer to the Live Animal Transportation Calculation tool (LATC).			
		С	3	0	(O) May be inoperative in open position provided procedures are established and used to ensure the associated compartment remains empty or is verified to contain only empty cargo handling equipment, ballast (ballast may be loaded in ULDs), and/or Fly Away Kits.			
					NOTE: Operator MELs must define which items are approved for inclusion in the Fly Away Kits and which materials can be used as ballast.			

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SYSTEM & SEQUENCE	ITEM				BER INSTALLI	ED	
NO.	ITEM			3. N		UIRED FOR DISPATCH	
9411574111	IDITIONING				4. REMARKS	OR EXCEPTIONS	
Sequence No.	NDITIONING Item	1	2	3	4		Change
		•	2	3	4		Bar
28-02 ***	FWD Lower Deck Cargo Compartment Ventilation and Cooling (Cont'd)						
2)	Isolation Valves (Cont'd)						
b)	A330-200F	D	3	0	· · · · · •	e inoperative provided es are verified closed.	
					proced	apply the maintenance dure when the valve is in open position.	
		С	3	0	provided proc and used to e compartment verified to con handling equil be loaded in U Kits. NOTE: Opera which inclusi	operative in open position edures are established nsure the associated remains empty or is atain only empty cargo pment, ballast (ballast may JLDs), and/or Fly Away  Itor MELs must define items are approved for on in the Fly Away Kits hich materials can be used last.	
					(Continued)		

		TMENT OF TRANSPORTA		N		MASTER MINIMUM EQUIPMENT LIS	ST.
		VIATION ADMINISTRATIO					
AIRCRAI A330-		A330-200F, A330-300	RE\			NO. 17 PAGE NO. 21-13	
			мм	EL T	ΔBL	LE KEY	
						CATEGORY	
SYSTEM		1751				MBER INSTALLED	
SEQUEN NO.	CE	ITEM				NUMBER REQUIRED FOR DISPATCH	
NO.					2000	4. REMARKS OR EXCEPTIONS	
21. AIR (	CON	DITIONING					
Sequence N	о.	Item	1	2	3	4 Ch	ange Bar
28-02 ***		FWD Lower Deck Cargo Compartment Ventilation and Cooling (Cont'd)					Jai
3)		ISOL VALVES pb-sw					
	a)	FAULT Light	С	1	0		
	b)	OFF Light	С	1	0		
4)		Cargo Cooling System	D D	1	0	<ul> <li>(O) May be inoperative provided: <ul> <li>a) COOLING selector is positioned OFF, and</li> <li>b) FWD CRG ISOL FAULT caution is not displayed on the EWD.</li> </ul> </li> <li>(M)(O) May be inoperative provided: <ul> <li>a) COOLING selector is positioned OFF, and</li> <li>b) The cold air valve of the FWD LDCC is deactivated in the closed position.</li> </ul> </li> <li>NOTE: For live animal transportation, refer to the Live Animal Transportation Calculation tool (LATC).</li> </ul>	

### PEDERAL AVIATION ADMINISTRATION  AIRCRAFT: A330-200, A330-200F, A330-300  #### MREL TABLE KEY  SYSTEM & SEQUENCE   ITEM   NO.   1	U.S. DEPART	TMENT OF TRANSPORTA	OITA	N				
AIRCRAFT: A330-200, A330-200F, A330-300    MMEL TABLE KEY	FEDERAL AV	/IATION ADMINISTRATIO	N			MASTE	ER MINIMUM EQUIPMENT LIS	Т
SYSTEM & SEQUENCE NO.  ITEM 1. REPAIR CATEGORY  2. NUMBER INSTALLED 3. NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS  28-03	AIRCRAFT:					_		
SYSTEM & SEQUENCE NO.  11 REPAIR CATEGORY  2. NUMBER INSTALLED 3. NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS  21. AIR CONDITIONING  Sequence No.  1	A330-200,	A330-200F, A330-300		DAT	E: 0	4/05/2017	21-14	
SEQUENCE NO.  21. AIR CONDITIONING  Sequence No.   Item   1   2   3   4   Change Bar    28-03			_					
3. NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS  21. AIR CONDITIONING  Sequence No. Item 1 2 3 4 Change Compartment Ventilation and Cooling 1) Extraction Fan C 1 0 (O) May be inoperative provided alternate procedures are established and used.  2) Isolation Valves  a) A330-200, A330-300 C 3 0 (M)(O) May be inoperative provided affected valves are verified closed.  C 3 0 (O) May be inoperative provided affected valves are verified closed.  C 3 0 (O) May be inoperative in open position provided procedures are established and used to ensure the AFT and BULK lower deck cargo compartments remain empty or are verified to contain only empty cargo handling equipment, ballast (ballast may be loaded in ULDs), and/or Fly Away Kits.  NOTE: Operator MELs must define which items are approved for inclusion in the Fly Away Kits and which materials can be used	SYSTEM &		1. F				FN	
21. AIR CONDITIONING  Sequence No. Item 1 2 3 4 Change Ber 28-03 *** AFT Lower Deck Cargo Compartment Ventilation and Cooling  1) Extraction Fan C 1 0 (O) May be inoperative provided alternate procedures are established and used.  2) Isolation Valves  a) A330-200, A330-300 C 3 0 (M)(O) May be inoperative provided affected valves are verified closed.  C 3 0 (O) May be inoperative in open position provided procedures are established and used to ensure the AFT and BULK lower deck cargo compartments remain empty or are verified to contain only empty cargo handling equipment, ballast (ballast may be loaded in ULDs), and/or Fly Away Kits.  NOTE: Operator MELs must define which items are approved for inclusion in the Fly Away Kits and which materials can be used		ITEM		2. 1				
Sequence No.   Item	NO.				(5,000)	4. REMARKS	OR EXCEPTIONS	
28-03 ***  AFT Lower Deck Cargo Compartment Ventilation and Cooling  1) Extraction Fan  C 1 0 (O) May be inoperative provided alternate procedures are established and used.  2) Isolation Valves  a) A330-200, A330-300  C 3 0 (M)(O) May be inoperative provided affected valves are verified closed.  C 3 0 (O) May be inoperative in open position provided procedures are established and used to ensure the AFT and BULK lower deck cargo compartments remain empty or are verified to contain only empty or are verified to contain only empty cargo handling equipment, ballast (ballast may be loaded in ULDs), and/or Fly Away Kits.  NOTE: Operator MELs must define which items are approved for inclusion in the Fly Away Kits and which materials can be used		DITIONING		1			lou	
*** Compartment Ventilation and Cooling  1) Extraction Fan  C 1 0 (O) May be inoperative provided alternate procedures are established and used.  2) Isolation Valves  a) A330-200, A330-300  C 3 0 (M)(O) May be inoperative provided affected valves are verified closed.  C 3 0 (O) May be inoperative in open position provided procedures are established and used to ensure the AFT and BULK lower deck cargo compartments remain empty or are verified to contain only empty cargo handling equipment, ballast (ballast may be loaded in ULDs), and/or Fly Away Kits.  NOTE: Operator MELs must define which items are approved for inclusion in the Fly Away Kits and which materials can be used			1	2	3	4		
a) A330-200, A330-300  C 3 0 (M)(O) May be inoperative provided affected valves are verified closed.  C 3 0 (O) May be inoperative in open position provided procedures are established and used to ensure the AFT and BULK lower deck cargo compartments remain empty or are verified to contain only empty cargo handling equipment, ballast (ballast may be loaded in ULDs), and/or Fly Away Kits.  NOTE: Operator MELs must define which items are approved for inclusion in the Fly Away Kits and which materials can be used		Compartment						
a) A330-200, A330-300  C 3 0 (M)(O) May be inoperative provided affected valves are verified closed.  C 3 0 (O) May be inoperative in open position provided procedures are established and used to ensure the AFT and BULK lower deck cargo compartments remain empty or are verified to contain only empty cargo handling equipment, ballast (ballast may be loaded in ULDs), and/or Fly Away Kits.  NOTE: Operator MELs must define which items are approved for inclusion in the Fly Away Kits and which materials can be used	1)	Extraction Fan	С	1	0	alternate prod		
C 3 (O) May be inoperative in open position provided procedures are established and used to ensure the AFT and BULK lower deck cargo compartments remain empty or are verified to contain only empty cargo handling equipment, ballast (ballast may be loaded in ULDs), and/or Fly Away Kits.  NOTE: Operator MELs must define which items are approved for inclusion in the Fly Away Kits and which materials can be used	2)	Isolation Valves						
provided procedures are established and used to ensure the AFT and BULK lower deck cargo compartments remain empty or are verified to contain only empty cargo handling equipment, ballast (ballast may be loaded in ULDs), and/or Fly Away Kits.  NOTE: Operator MELs must define which items are approved for inclusion in the Fly Away Kits and which materials can be used	a)	A330-200, A330-300	С	3	0			
(Continued)			C	3	0	provided production and used to ellower deck calempty or are empty cargo in the control of the c	eedures are established ensure the AFT and BULK argo compartments remain verified to contain only handling equipment, ballast be loaded in ULDs), and/or ator MELs must define items are approved for ion in the Fly Away Kits hich materials can be used	

		TMENT OF TRANSPORTA		N		MASTE	R MINIMUM EQUIPMENT LIST
AIRCRAI		/IATION ADMINISTRATIO	REVISION NO. 17				PAGE NO.
		A330-200F, A330-300	DATE: 04/05/2017				21-15
			ММ	EL T	ABL	E KEY	
CVCTEM						CATEGORY	
SYSTEM SEQUEN		ITEM		2. 1		BER INSTALLE	
NO.	OL.	I I LIVI			3. 1		UIRED FOR DISPATCH
04 AID (	CON	DITIONING				4. REMARKS	OR EXCEPTIONS
Sequence N		DITIONING Item	1	2	3	4	Change
-	0.		1		3	4	Bar
28-03 ***		AFT Lower Deck Cargo Compartment Ventilation and Cooling (Cont'd)					
2)		Isolation Valves (Cont'd)					
	b)	A330-200 With Bulk Crew Rest Compartment (STC No. ST11686SE-T)	С	3	0	` ' ' '	e inoperative provided s are verified closed.
			C	3	0	provided proce and used to en cargo compar- verified to con handling equip be loaded in U Kits.  NOTE: Operar- which inclusion	operative in open position edures are established nsure the AFT lower deck tment remains empty or is stain only empty cargo oment, ballast (ballast may JLDs), and/or Fly Away  tor MELs must define items are approved for on in the Fly Away Kits nich materials can be used ast.
						(Continued)	

		TMENT OF TRANSPORTA		N		MASTER MINIMUM EQUIPMENT LIST
AIRCRAF	T:					IO. 17 PAGE NO.
A330-2	200,	A330-200F, A330-300				4/05/2017 21-16
Mark Section 1 Section 1	10.70,00		_			LE KEY CATEGORY
SYSTEM		ITEM 4				IBER INSTALLED
SEQUENO NO.	CE	ITEM			3. N	NUMBER REQUIRED FOR DISPATCH
V44744447	· ON	DITIONING				4. REMARKS OR EXCEPTIONS
Sequence No		DITIONING Item	1	2	3	4 Change
28-03		AFT Lower Deck Cargo	-	_		Bar
***		Compartment Ventilation and Cooling (Cont'd)				
2)		Isolation Valves (Cont'd)				
	c)	A330-200F	D	2	0	(M)(O) May be inoperative provided affected valves are verified closed.
						NOTE: Only apply the maintenance procedure when the valve is failed in open position.
			С	2	0	(O) May be inoperative in open position provided procedures are established and used to ensure AFT and BULK cargo compartments remain empty or are verified to contain only empty cargo handling equipment, ballast (ballast may be loaded in ULDs), and/or Fly Away Kits.
						NOTE: Operator MELs must define which items are approved for inclusion in the Fly Away Kits and which materials can be used as ballast.
3)		ISOL VALVES pb-sw				
	a)	FAULT Light	С	1	0	
	b)	OFF Light	С	1	0	

AIRCRAFT:	AVIATION ADMINISTRATI		_	_	NO. 17 PAGE NO.
A330-200	o, A330-200F, A330-300				04/05/2017 21-17
					LE KEY
SYSTEM &		1. 1			CATEGORY MBER INSTALLED
SEQUENCE	ITEM		2. 1	_	NUMBER REQUIRED FOR DISPATCH
NO.				0.	4. REMARKS OR EXCEPTIONS
21. AIR COI	NDITIONING				
Sequence No.	Item	1	2	3	4 Char Ba
28-04	BULK Cargo Compartment Ventilation				,
1)	Extraction Fan	С	1	0	(O) May be inoperative provided alternate procedures are established and used.
					NOTE: For live animal transportation, refer to the Live Animal Transportation Calculation tool (LATC).
2)	Isolation Valves				
a)	A330-200, A330-300	С	2	0	(M)(O) May be inoperative provided affected valves are verified closed.
					NOTE: For live animal transportation, refer to the Live Animal Transportation Calculation tool (LATC).
		С	2	0	(O) May be inoperative in open position provided procedures are established and used to ensure the AFT and the BULK lower deck cargo compartments remain empty or are verified to contain only empty cargo handling equipment, ballast (ballast may be loaded in ULDs), and/or Fly Away Kits.
					NOTE: Operator MELs must define which items are approved for inclusion in the Fly Away Kits and which materials can be used as ballast.
					(Continued)

		TMENT OF TRANSPORTA		N		MASTER MINIMUM EQUIPMENT LIST
AIRCRAI		TATION ADMINISTRATIO		/ISIC	N NC	O. 17 PAGE NO.
A330-	200,	A330-200F, A330-300		DAT	E: 04	4/05/2017 21-18
						E KEY
SYSTEM	&		1. F			DATEGORY BER INSTALLED
SEQUEN	CE	ITEM		2. 1		NUMBER REQUIRED FOR DISPATCH
NO.						4. REMARKS OR EXCEPTIONS
21. AIR (	CON	DITIONING				
Sequence N	0.	Item	1	2	3	4 Change Bar
28-04		BULK Cargo Compartment Ventilation (Cont'd)				
2)		Isolation Valves (Cont'd)				
	b)	A330-200F	D	2	0	(M)(O) May be inoperative provided affected valves are verified closed.
						NOTE: Only apply the maintenance procedure when the valve is failed in open position.
			С	2	0	(O) May be inoperative in open position provided procedures are established and used to ensure the AFT and the BULK lower deck cargo compartments remain empty or are verified to contain only empty cargo handling equipment, ballast (ballast may be loaded in ULDs), and/or Fly Away Kits.
						NOTE: Operator MELs must define which items are approved for inclusion in the Fly Away Kits and which materials can be used as ballast.
3)		ISOL VALVES pb-sw				
	a)	FAULT Light	С	1	0	
	b)	OFF Light	С	1	0	

II C DEDAD		^ TIO	\ I		
U.S. DEPAR	TMENT OF TRANSPORTA	4 i iOi	N		MASTER MINIMUM EQUIPMENT LIST
	VIATION ADMINISTRATION		//01/	2010	10 47 PAOS NO
AIRCRAFT: A330-200.	A330-200F, A330-300	KE			IO. 17 PAGE NO. 21-19
		ММ			E KEY
CVCTEM					CATEGORY
SYSTEM & SEQUENCE	ITEM		2. 1	_	BER INSTALLED
NO.				3.1	NUMBER REQUIRED FOR DISPATCH  4. REMARKS OR EXCEPTIONS
21. AIR CON	DITIONING			<u> </u>	4. REMARKS OR EXCEPTIONS
Sequence No.	Item	1	2	3	4 Change Bar
31-01	Automatic Cabin Pressure Control Systems (CPC, Outflow Valve AUTO Channels)				
1)	Without Mod. 53145/ MP D44784	С	2	0	<ul> <li>(O) May be inoperative provided:</li> <li>a) Flight is conducted in an unpressurized configuration, and</li> <li>b) Extended overwater flight is prohibited.</li> </ul>
а)	System 1	С	1	0	(O) Except for ER operations, may be inoperative provided:  a) Cabin pressure indications are available on ECAM CAB PRESS in manual mode,  b) System 2 operates normally, and c) Extended overwater flight is prohibited.
b)	System 2	С	1	0	(O) May be inoperative provided: a) Cabin pressure indications are available on ECAM CAB PRESS in manual mode, and b) System 1 operates normally.
					(Continued)

	TMENT OF TRANSPORTA		N		MASTER MINIMUM EQUIPMENT LIST	-
	/IATION ADMINISTRATIO					
AIRCRAFT: A330-200,	A330-200F, A330-300	RE\			NO. 17 PAGE NO. 21-20	
		мм	EL T	ΔBL	LE KEY	
					CATEGORY	
SYSTEM &	ITEM		2. 1	NUM	IBER INSTALLED	
SEQUENCE NO.	ITEM			3. N	NUMBER REQUIRED FOR DISPATCH	
110.					4. REMARKS OR EXCEPTIONS	
21. AIR CON	DITIONING					
Sequence No.	Item	1	2	3	4 Chang Bar	ge
31-01	Automatic Cabin Pressure Control Systems (CPC, Outflow Valve AUTO Channels) (Cont'd)					
2)	With Mod. 53145/ MP D44784	С	2	0	<ul> <li>(O) May be inoperative provided:</li> <li>a) Flight is conducted in an unpressurized configuration, and</li> <li>b) Extended overwater flight is prohibited.</li> </ul>	
а)	System 1	С	1	0	<ul> <li>(M) Except for ER operations, may be inoperative provided:</li> <li>a) Manual Cabin Pressure Control System is verified to operate normally,</li> <li>b) System 2 operates normally, and</li> <li>c) Extended overwater flight is prohibited.</li> </ul>	
b)	System 2	C	1	0	<ul> <li>(M) May be inoperative provided:</li> <li>a) Manual Cabin Pressure Control System is verified to operate normally, and</li> <li>b) System 1 operates normally.</li> </ul>	

AIRCRAFT:	AVIATION ADMINISTRATIO		VISIO	N NC	O. 17 PAGE NO.	
A330-200	0, A330-200F, A330-300		DAT	E: 0	4/05/2017 21-21	
		_			E KEY	
SYSTEM &		1. F			CATEGORY	
SEQUENCE	ITEM		2.1		BER INSTALLED NUMBER REQUIRED FOR DISPATCH	
NO.				3.1	4. REMARKS OR EXCEPTIONS	
21. AIR CO	NDITIONING				14. NEMARKO OK EXCELLITORO	
Sequence No.	Item	1	2	3	4	Chang
31-02	Manual Cabin Pressure Control System (Outflow Valve MAN Channel. MAN V/S CTL Sel)					
1)	A330-200, A330-300	С	1	0	(O) May be inoperative provided flight i conducted in an unpressurized configuration.	S
		С	1	0	(M) May be inoperative provided both automatic cabin pressure control systems are verified to operate normal before each flight.	у
2)	A330-200F	С	1	0	(O) May be inoperative provided flight i conducted in an unpressurized configuration.	S
		С	1	0	<ul> <li>(M) May be inoperative provided:</li> <li>a) Both automatic cabin pressure control systems are verified to operate normally before each flight, and</li> <li>b) The Main Deck Cargo Compartment is empty or does not contain flammable or combustible materials.</li> </ul>	
31-03	Outflow Valves Automatic Motors	С	4	0	Deleted, Revision 9. (Included with item 21-31-01.)	

AIRCRAFT:	VIATION ADMINISTRATION		VISIO	N NC	IO. 17 PAGE NO.	
A330-200	, A330-200F, A330-300		DAT	E: 0	4/05/2017 21-22	
					E KEY	
SYSTEM & SEQUENCE NO.	ITEM	1. 1		MUŅ	CATEGORY BER INSTALLED NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS	
21. AIR CON		1	2	3	4	Change
Sequence No.	Safety Valves	C	2	1	(M) One may be inoperative in closed	Bar
1)	With Mod. 48980	С	3	2	position provided:  a) Both automatic cabin pressure control systems operate normally, and b) The three motors on each outflow valve operate normally.  (M) One may be inoperative in closed position provided:  a) Both automatic cabin pressure	
31-05	Landing Elevation Selection				control systems operate normally, and b) The three motors on each outflow valve operate normally.	
1)	Auto Function	С	1	0	(O) May be inoperative provided LDG ELEV is set manually.	
31-06	MODE SEL pb-sw FAULT Light	С	1	0		
31-07	Negative Relief Valve	С	1	0	(O) May be inoperative provided flight conducted in an unpressurized configuration.	is

AIRCRAFT:	VIATION ADMINISTRATIO		VISIO	ON N	IO. 17 PAGE NO.
	), A330-200F, A330-300	<u> </u>			4/05/2017 21-23
		_			LE KEY
SYSTEM &		1. F	$\overline{}$		CATEGORY
SEQUENCE	ITEM		2. [		IBER INSTALLED
NO.				3.1	NUMBER REQUIRED FOR DISPATCH  4. REMARKS OR EXCEPTIONS
21. AIR CON	NDITIONING				4. NEW WING ON EXCENTIONS
Sequence No.	Item	1	2	3	4 Char
43-01 ***	Forward Cargo Compartment Heating	D	1	0	(O) May be inoperative provided:  a) FWD temperature selector is positioned COLD, and b) On the COND SD page, the FWD trim air valve arrow indicates C.
				NOTE: For live animal transportation, refer to the Live Animal Transportation Calculation tool (LATC).	
		D	1	0	<ul> <li>(M)(O) May be inoperative provided:</li> <li>a) FWD temperature selector is positioned COLD, and</li> <li>b) The FWD trim air valve is deactivated in the closed position.</li> </ul>
					NOTE: For live animal transportation, refer to the Live Animal Transportation Calculation tool (LATC).
43-02 ***	Bulk Cargo Compartment Heating	С	1	0	(O) May be inoperative provided the BULK HOT AIR pb-sw is selected OFF.
					NOTE: For live animal transportation, refer to the Live Animal Transportation Calculation tool (LATC).
		D	1	0	(M)(O) May be inoperative provided fan heater is deactivated.
					NOTE: For live animal transportation, refer to the Live Animal Transportation Calculation tool (LATC).
43-03 ***	AFT Lower Deck Cargo Heating System (A330-200F)	D	1	0	(M)(O) May be inoperative provided that the associated trim air valve is deactivated in the closed position.

U.S. DEPAR	RTMENT OF TRANSPORT	ATIOI	N		
FEDERAL A	AVIATION ADMINISTRATIO	N			MASTER MINIMUM EQUIPMENT LIST
AIRCRAFT:					IO. 17 PAGE NO.
A330-200	), A330-200F, A330-300		DAT	E: 0	4/05/2017 21-24
		_			E KEY
SYSTEM &		1. F	$\overline{}$		CATEGORY
SEQUENCE	ITEM		2. 1		BER INSTALLED
NO.				ا ع. ا	NUMBER REQUIRED FOR DISPATCH  4. REMARKS OR EXCEPTIONS
21. AIR COI	NDITIONING				4. KEMAKKO OK EXCEL HONG
Sequence No.	Item	1	2	3	4 Change Bar
43-04 ***	Fwd/Aft/Bulk Cargo Compartment Heating Indications on ECAM Page				
1)	CRUISE Page (A330-200, A330-300)	D	-	0	May be inoperative provided the associated cargo compartment heating is considered inoperative.
2)	COND Page (A330-200F)	D	-	0	May be inoperative provided the associated cargo compartment heating is considered inoperative.
51-01	Pack Flow Control Valves	С	2	1	<ul><li>(M) One may be inoperative provided:</li><li>a) Valve is secured closed, and</li><li>b) Associated air conditioning pack is considered inoperative.</li></ul>
		С	2	0	<ul> <li>(M)(O) May be inoperative provided:</li> <li>a) Valve is secured closed,</li> <li>b) Flight is conducted in an unpressurized configuration, and</li> <li>c) Flight is conducted with no passengers on board.</li> </ul>
51-02	Pack Flow Selection				
1)	Manual Selection (Aircraft With PW 4000 Engines, RR TRENT Engines, and GE CF6-80E1 Series Engines With Mod. 56554)	С	1	0	
2)	Manual Selection (Aircraft With GE CF6-80E1 Series Engines Without Mod. 56554)	С	1	0	Except for ER operations, may be inoperative provided airplane is not operated in known or forecast icing conditions.

	VIATION ADMINISTRATI						
AIRCRAFT: A330-200	), A330-200F, A330-300	RE\			O. 17 PAG 4/05/2017	SE NO. 21-25	
7.000 200	, , , , , , , , , , , , , , , , , , , ,	ММ			E KEY		
					CATEGORY		
SYSTEM & SEQUENCE	ITEM		2. 1		BER INSTALLED		
NO.	I I LIVI			3.1	UMBER REQUIRE		
21. AIR CON	NOITIONING				4. REMARKS OR E	EXCEPTIONS	
Sequence No.	Item	1	2	3	4		Chang
51-03	PACK 1(2) pb-sw						Баг
1)	FAULT Lights	С	2	0			
2)	OFF Lights	С	2	0			
51-04	Indications on ECAM		_				
J 1-04							
1)	BLEED Page	С	-	-	Pack related indication	tions may be	
2)	CAB PRESS Page	С	-	-	Pack 1 and 2 indication	ations may be	
		i i	i	1			

FEDERAL A	VIATION ADMINISTRATION		// כור	A MC	NO. 17 PAGE NO.
	, A330-200F, A330-300	KE	_	_	04/05/2017 PAGE NO. 21-26
		ММ	EL T	ABL	LE KEY
SYSTEM & SEQUENCE NO.	ITEM	_	REP/	AIR ( NUM	CATEGORY MBER INSTALLED NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS
21. AIR CON	IDITIONING				
Sequence No.	Item	1	2	3	4 Chan Ba
52-01	Air Conditioning Packs	С	2	1	<ul> <li>(M)(O) Except for ER operations, one may be inoperative provided: <ul> <li>a) Airplane remains at or below FL 350 (A330-200, A330-200F) or FL 370 (A330-300),</li> <li>b) Pack controller associated with the non-affected air conditioning pack operates normally on both channels,</li> <li>c) Affected PACK pb-sw is selected OFF and associated pack flow control valve is verified closed on ECAM BLEED or CAB PRESS page, and</li> <li>d) Speed brakes operate normally.</li> </ul> </li> </ul>
		С	2	1	<ul> <li>(M)(O) Except for ER operations, one may be inoperative provided: <ul> <li>a) Airplane remains at or below FL 310,</li> <li>b) Pack controller associated with the non-affected air conditioning pack operates normally on both channels, and</li> <li>c) Affected PACK pb-sw is selected OFF and associated pack flow control valve is verified closed on ECAM BLEED or CAB PRESS page.</li> </ul> </li> </ul>
		С	2	0	<ul> <li>(O) May be inoperative provided:</li> <li>a) Flight is conducted in an unpressurized configuration, and</li> <li>b) Flight is conducted with no passengers on board.</li> </ul>
1)	Air Cycle Machine	С	2	1	(O) One pack may be operated on heat exchanger cooling only (PACK 1(2) IN BY-PASS MODE) provided:  a) Affected air conditioning pack is not operated until airborne and the TAT is below 12 degrees C, and  b) Affected pack outlet temp indication is available on ECAM BLEED page.

U.S. DEPAR	TMENT OF TRANSPORTA	TIOI	V		MASTER MINIMUM EQUIPMENT LIST
FEDERAL A	VIATION ADMINISTRATIO	N			MASTER MINIMONI EQUIPMENT LIST
AIRCRAFT: A330-200	, A330-200F, A330-300	RE'			O. 17 PAGE NO. 4/05/2017 21-27
	·	мм	EL T	ABL	E KEY
SYSTEM & SEQUENCE	ITEM		REP	AIR (	DATEGORY BER INSTALLED NUMBER REQUIRED FOR DISPATCH
NO.				0	4. REMARKS OR EXCEPTIONS
21. AIR CON	IDITIONING				
Sequence No.	Item	1	2	3	4 Chang Bar
53-01	Pack Controllers				
1)	Channels	С	4	2	One may be inoperative on each pack controller.
		С	4	2	Both may be inoperative on one pack controller provided the associated air conditioning pack is considered inoperative.
53-02	Bypass Valves (Without Mod. 55313 or Mod. 55514)	С	2	0	(M) May be inoperative in closed position provided air cycle machine of associated air conditioning pack operates normally.
53-03	Temperature Control Valves	С	2	1	May be inoperative provided pack controller of other air conditioning pack operates normally.

AIRCRAFT:	VIATION ADMINISTRATION		VISIO	N NC	O. 17 PAGE NO.	
A330-200	), A330-200F, A330-300		DAT	E: 0	4/05/2017 21-28	
					E KEY	
SYSTEM &		1. F			CATEGORY	
SEQUENCE	ITEM		2. 1		BER INSTALLED NUMBER REQUIRED FOR DISPATCH	
NO.				3. 1	4. REMARKS OR EXCEPTIONS	
21. AIR COI	NDITIONING				4. REMARKO GREAGEI HORG	
Sequence No.	Item	1	2	3	4	Change Bar
53-04	Air Conditioning Ram Air Inlet/Outlet Flaps	С	4	0	(M)(O) May be inoperative in open position.	
		С	4	2	(O) One or two flaps may be inoperative on the same side provided the associated air conditioning pack is considered inoperative.	/e
		С	4	0	<ul> <li>(O) May be inoperative on both sides provided:</li> <li>a) Flight is conducted in an unpressurized configuration, are</li> <li>b) Flight is conducted with no passengers on board.</li> </ul>	nd
53-05	Indications on ECAM BLEED page					
1)	Temperature Control Valve Position	С	2	0		
55-02	Indications on ECAM BLEED Page					
1)	RAM AIR	С	1	0		
63-01	Zone Controller					
1)	Channels	С	2	1		

	RTMENT OF TRANSPORT		N		MASTER MINIMUM EQUIPMENT LI	ST			
	VIATION ADMINISTRATION		/101/	יא ואר	O. 17 PAGE NO.				
AIRCRAFT: A330-200	, A330-200F, A330-300	KE			O. 17 PAGE NO. 21-29				
		ММ	EL T	ABL	E KEY				
SYSTEM &		1. F	1. REPAIR CATEGORY  2. NUMBER INSTALLED						
SEQUENCE NO.	ITEM				NUMBER REQUIRED FOR DISPATCH				
21. AIR CON	NDITIONING				4. REMARKS OR EXCEPTIONS				
Sequence No.	Item	1	2	3	4	hang			
63-02	Trim Air Valves		_			Bar			
1)	A330-200, A330-300	С	7	0	(O) May be inoperative provided the closure function of the associated pack flow control valve is checked to operate normally on the ECAM BLEED page before each flight.				
		С	7	0	May be inoperative provided the associated pack flow control valve is considered inoperative.				
		С	7	-	(M) Trim air valves associated with the temperature control of the economy class may be inoperative provided it is deactivated in the closed position.				
2)	A330-200F	С	6	0	(O) May be inoperative provided the closure function of the associated pack flow control valve is checked to operate normally on the ECAM BLEED page before each flight.				
		С	6	0	May be inoperative provided the associated pack flow control valve is considered inoperative.				

LLS DEDARTMENT OF TRANSPORTATION						
U.S. DEPARTMENT OF TRANSPORTATION  MASTER MINIMUM EQUIPMENT LIST						
FEDERAL AVIATION ADMINISTRATION AIRCRAFT: REVISION NO. 17 PAGE NO.						
	, A330-200F, A330-300	KE			4/05/2017 PAGE NO. 21-30	
MMEL TABLE KEY						
SYSTEM & 1. REPAIR CATEGORY						
SEQUENCE	ITEM				BER INSTALLED NUMBER REQUIRED FOR DISPATCH	
NO.				4. REMARKS OR EXCEPTIONS		
21. AIR CONDITIONING						
Sequence No.	Item	1	2	3	4 B	ange Bar
63-03	Hot Air Valves	С	2	0	(O) May be inoperative provided the closure function of the associated pack flow control valve is verified to operate normally on the ECAM BLEED page before each flight.	
		С	2	0	May be inoperative provided the associated pack flow control valve is considered inoperative.	
63-04	Hot Air X Valve	С	1	0		
63-05	HOT AIR 1(2) pb-sw					
1)	FAULT Lights	С	2	0	May be inoperative provided zone duct temperature indications are available on ECAM.	
2)	OFF Lights	С	2	0		
63-06	Cabin and Cockpit Zone Indications on ECAM					
1)	COND Page	С	-	0		
2)	CRUISE Page	С	-	0		
63-07	Main Deck Cargo Cooling System (A330-200F)	D	1	0	(O) May be inoperative.	

AIRCRAFT	AVIATION ADMINISTRATIO : 0, A330-200F, A330-300				NO. 17a PAGE NO. 22-1
7,000 20	0,71000 2001 ,71000 000	БЛВЛ			SLE KEY
SYSTEM & SEQUENCE NO.		_	REP	AIR (	CATEGORY MBER INSTALLED NUMBER REQUIRED FOR DISPATCH
22. AUTOF	I IGHT				4. REMARKS OR EXCEPTIONS
Sequence No.	Item	1	2	3	4 Chan
10-01	Autopilot Systems	С	2	1	Dal
10-01	Autopilot Systems				approach minimums do not require its use.
		В	2	0	<ul> <li>May be inoperative provided:</li> <li>a) Approach minimums do not require their use,</li> <li>b) Enroute operations do not require their use, and</li> <li>c) Number of flight segments and segment duration is acceptable to flightcrew.</li> </ul>
					NOTE: Any mode which operates normally may be used.
10-02	Flight Director Systems	С	2	0	(O) May be inoperative provided operations or procedures do not require their use.
10-03	Take Over pb-sw				
1)	AP Disconnect Function Only	С	2	1	One may be inoperative provided:  a) Autopilots are not utilized below 1,500 feet AGL,  b) Approach minimums do not require the use of the autopilot, and  c) Priority function is verified to operate normally before each departure.
		В	2	0	May be inoperative provided:  a) Both autopilots are not used, and b) Priority function is verified to operate normally before each departure.

U.S. DEPAR	TMENT OF TRANSPORT	ATIO	N							
			-		MASTER MINIMUM EQUIPMENT LIST					
AIRCRAFT:	VIATION ADMINISTRATION		VISIO	ON N	O. 17a PAGE NO.					
_	, A330-200F, A330-300				8/15/2017 22-2					
		ММ	EL T	ABL	E KEY					
SYSTEM &		1. F	I. REPAIR CATEGORY							
SEQUENCE	ITEM		2.1	_	BER INSTALLED					
NO.				3. ľ	NUMBER REQUIRED FOR DISPATCH  4. REMARKS OR EXCEPTIONS					
22. AUTOFL	IGHT			<u> </u>	4. NEWATING ON EXCELLIBRIO					
Sequence No.	Item	1	2	3	4 Change Bar					
10-04	AUTOLAND Lights	С	2	0	May be inoperative provided approach minimums do not require use of autoland.					
10-05	AP Disengagement Warning System	В	1	0	May be inoperative provided both autopilots are not used.					
10-06	Sticks and Rudder Pedals Locking Solenoids in AP Mode	С	3	2	One may be inoperative unlocked provided:  a) Approach minimums do not require its use, and b) No autoland is performed.					
30-01	Autothrust Function	С	1	0	<ul> <li>(M) Except for ER operations beyond</li> <li>180 minutes, may be inoperative provided: <ul> <li>a) All thrust lever sensors are verified to operate normally, and</li> <li>b) Approach minimums do not require its use.</li> </ul> </li> </ul>					
					NOTE: Alpha floor is not available with autothrust function inoperative.					
30-02	Autothrust Instinctive Disconnect Switches	В	2	1	(M) One may be inoperative provided ability to disconnect A/THR by means of remaining Instinctive Disconnect Pb and by FCU A/THR Pb is verified prior to each departure.					
30-03	Autothrust Disengagement Warning System	С	1	0	(O) May be inoperative provided autothrust is disconnected and considered inoperative.					

AIRCRAFT:	VIATION ADMINISTRATIO		/ 5	)NI NI	O. 17a PAGE NO.	
	, A330-200F, A330-300	\			8/15/2017 22-3	
		MM	EL T	ABL	E KEY	
SYSTEM &		1. F			CATEGORY	
EQUENCE	ITEM		2.1		BER INSTALLED	
NO.				3.1	NUMBER REQUIRED FOR DISPATCH	
OO ALITOFI	IOUT	<u> </u>	<u> </u>		4. REMARKS OR EXCEPTIONS	
22. AUTOFL					I.a.	Chai
Sequence No.	Item	1	2	3	4	Ва
66-03	Windshear Warning and Flight Guidance System (Reactive)	В	-	0	(O) May be inoperative provided alternate procedures are established and used.	
					NOTE: Operator's alternate procedures should include reviewing windshear avoidance and windshear recovery procedures.	
		С	-	0	<ul> <li>(O) May be inoperative provided:</li> <li>a) Alternate procedures are established and used, and</li> <li>b) Windshear Detection and Avoidance System (Predictive) operates normally.</li> </ul>	
72-01	Lateral Navigation	С	2	1	<ul> <li>(O) One may be inoperative provided:</li> <li>a) Operations or procedures do not require its use, and</li> <li>b) One NAV B/UP function is verified to operate normally.</li> </ul>	
72-02	IRS (and GPS) Initialization	С	2	1		
72-03	Navaids Selection and Tuning	С	2	1		
73-01	Performance Information and Vertical Navigation	С	2	0	May be inoperative provided operations or procedures do not require their use.	
73-02	Fuel/Time Prediction	С	2	0		
73-05	Navigation Database				Deleted, Revision 7. (See item 34-61-01, ILS.)	I

AIRCRAFT:	VIATION ADMINISTRATION				IO. 17a	PAGE NO.	
A330-200,	A330-200F, A330-300				8/15/2017	22-4	
SYSTEM & SEQUENCE NO.	ITEM		REP	AIR ( NUM		ED UIRED FOR DISPATCH S OR EXCEPTIONS	
Sequence No.	Item	1	2	3	4		Chang
75-01	SWITCHING Panel						Dai
1)	FM Selector						
a)	NORM Position	С	1	0	a) The in require NAV E b) Latera displa	erative provided: Intended flight does not the dual FM capability or the divided flight does not the divided fligh	
b)	BOTH ON 1, BOTH ON 2 Positions	С	2	0	a) Select NORM b) Latera displa	erative provided: tor operates normally in If position, and If navigation can be yed on at least If unit.	
75-02	MCDU Switching Function of BRT Knob	C	2	0		erative provided other MCDU 1 and MCDU 2 hally.	

	AVIATION ADMINISTRATION					
AIRCRAFT: A330-20	), A330-200F, A330-300	RE'			IO. 17a PAGE NO. 8/15/2017 22-5	
		MM	EL T	ABL	E KEY	
SYSTEM & SEQUENCE NO.	ITEM	1. F		NUM	BER INSTALLED NUMBER REQUIRED FOR DISPATCH	
22. AUTOF	IGHT				4. REMARKS OR EXCEPTIONS	
Sequence No.	Item	1	2	3	4	Char
81-01	Autoflight Control Panel					Ва
1)	Mode Engagement pb					
aj	LOC	С	1	0	May be inoperative provided approach minimums do not require its use.	
b	ALT	С	1	0	May be inoperative provided crew procedures do not require its use.	
C)	APPR	С	1	0	May be inoperative provided approach minimums do not require its use.	
2)	Selection Windows	С	4	0	May be inoperative provided:  a) Associated indications operate normally on both PFDs and both NDs, and b) Inoperative windows are blank or masked.	
3)	HDG-V/S TRK-FPA Change Over pb	С	1	0	May be inoperative provided:  a) HDG-V/S selection operates normally, and b) Crew procedures do not require its use.	
4)	SPD/MACH Change Over pb	С	1	0	May be inoperative provided SPD selection operates normally.	
5)	METRIC ALT pb	С	1	0	(O) May be inoperative provided alternate procedures are established and used.	
		D	1	0	May be inoperative provided procedures do not require its use.	
6)	Engagement pb Light Bars	D	6	0	May be inoperative provided associated indication is available on both PFDs.	
7)	V/S FPA Selection Knob	С	1	0	May be inoperative provided procedures do not require its use.	
8)	V/S FPA Push To Level Off Function	С	1	0	(O) May be inoperative provided alternate procedures are established and used.	

AIRCRAFT:	AVIATION ADMINISTRATIO		VISIC	ON N	O. 17a PAGE NO.	
	), A330-200F, A330-300				8/15/2017 22-6	
					E KEY	
SYSTEM & SEQUENCE NO.	ITEM	1. F		MUN	CATEGORY BER INSTALLED NUMBER REQUIRED FOR DISPATCH	
NO.				3,000	4. REMARKS OR EXCEPTIONS	
22. AUTOFI	LIGHT					
Sequence No.	Item	1	2	3	4	Chai Ba
81-02	EFIS Control Panel					
1)	Baro Reference Display Windows	С	2	0	May be inoperative provided associated indications operate normally on both PFDs.	
2)	Baro Reference Sel					
a)	Outer Ring (in Hg/hPa)	С	2	0	May be inoperative provided required units for the intended flight is available on both EFIS control panels.	
3)	LS pb	С	2	0	May be inoperative provided approach minimums do not require their use.	
4)	Optional Data (ARPT, NDB, VOR.D, WPT, CSTR) Display pb	С	10	2	May be inoperative provided:  a) Operations or procedures do not require their use, and b) One ARPT and one CSRT pb are available on either side.	
5)	ND Range Sel	С	2	1	One may be inoperative provided off side ND unit operates normally.	
6)	ND Mode Sel	С	2	1	One may be inoperative provided:  a) Off side ND unit operates normally, and b) Procedures do not require its use.	
7)	ADF/VOR Sel	С	4	-	As required by 14 CFR.	
8)	Display pb Light Bars	D	14	0	May be inoperative provided associated indication is available on associated PFD or ND.	

AIRCRAFT:	<u>VIATION ADMINISTRATIO</u> , A330-200F, A330-300				IO. 17a 8/15/2017	PAGE NO. 22-7	
A330-200	, A330-2001 , A330-300	МАВЛ			.E KEY	22-1	
SYSTEM & SEQUENCE NO.	ITEM	_	REP	AIR ( NUM	CATEGORY BER INSTALL NUMBER REQ	ED UIRED FOR DISPATCH S OR EXCEPTIONS	
22. AUTOFL Sequence No.	Item	1	2	3	4		Change
82-01	Multipurpose Control And Display Units (MCDU)			, , , , , , , , , , , , , , , , , , ,			Bar
1)	MCDU (With Mod. 47457/ MP S14273 or Mod. 47462/ MP S14275 or Mod. 48765/ MP S14270 or Mod. 48766/ MP S14271 or Mod. 51138/ MP S16696 or Mod. 51139/ MP S16697)	С	3	2		or 3 may be inoperative rations or procedures e its use.	
		С	3	1	provided: a) Opera do not b) Flight	and 3 may be inoperative ations and procedures trequire two MCDUs, or remains within radio d coverage.	
2)	Deleted, Revision 13						
3)	Deleted, Revision 13						
4)	Deleted, Revision 13						
5)	NAV B/UP Function	С	2	0			
6) ***	ATC COMM Page Keys	D	3	0			

	VIATION ADMINISTRATIO	N					
AIRCRAFT:	<u> </u>		VISIO	ON N	O. 17a	PAGE NO.	
A330-200	, A330-200F, A330-300		DAT	E: 0	8/15/2017	22-8	
					E KEY		
SYSTEM &		1. 1			CATEGORY BER INSTALL	FD	
SEQUENCE	ITEM		2.1			UIRED FOR DISPATCH	
NO.				65.8		OR EXCEPTIONS	
22. AUTOFL	IGHT						
Sequence No.	Item	1	2	3	4		Chang Bar
83-01	Flight Management Guidance and Envelope Computers (FMGEC)	A	2	1	may be inope a) Altern establ b) Depar weath remain propo times, c) Repai three  NOTE 1: (Wit MP inop func inop Trar	ot for ER operations, one erative provided: ate procedures are lished and used, rture and destination airport per is at and forecast to an within VFR minimums for sed departure and arrival, and are made within flight legs.  Sthout Mod. 53919/S15891) If FMGEC 1 is perative, the Terrain period of the TAWS is perative.  PS associated with the rative FMGEC is perative, the ADS-B Squittern period operative.	

U.S. DEPAR	TMENT OF TRANSPORTA	OIT	N		MASTER MINIMUM EQUIPMENT	LICT
FEDERAL A	VIATION ADMINISTRATIO	N			MASTER MINIMOM EQUIPMENT	LIST
AIRCRAFT: A330-200	, A330-200F, A330-300	RE\			O. 17a PAGE NO. 8/15/2017 22-9	
		ММ	EL T	ABL	E KEY	
SYSTEM & SEQUENCE	ITEM	1. F	$\overline{}$	MUN	CATEGORY BER INSTALLED NUMBER REQUIRED FOR DISPATCH	
NO.					4. REMARKS OR EXCEPTIONS	
22. AUTOFL	IGHT					
Sequence No.	Item	1	2	3	4	Change Bar
83-02	FMA Indications on PFD					
1)	AP/FD Related Indications	С	-	-	Indications may be inoperative on PNF side FMA.	
		С	-	0	Indications may be inoperative on both FMAs provided Autopilot and Flight Director are not used.	
2)	A/THR Related Indications	Α	-	-	Indications may be inoperative on PNF side FMA provided repairs are made within 3 flight days.	
		С	-	0	(O) Indications may be inoperative on both FMAs provided autothrust is disconnected and considered inoperative.	
3)	Approach and Landing Capabilities	С	-	-	<ul> <li>(O) Indications may be inoperative on PNF side FMA provided:</li> <li>a) Approach minimums do not require their use, and</li> <li>b) Alternate procedures are developed and used.</li> </ul>	
		С	-	0	Indications may be inoperative on both FMAs provided approach minimums, operations, or procedures do not require their use.	

AIRCRAFT:	VIATION ADMINISTRATION				IO. 17a	PAGE NO.	
A330-200	, A330-200F, A330-300				8/15/2017	23-1	
SYSTEM & SEQUENCE NO.	ITEM		REP	AIR ( NUM		ED UIRED FOR DISPATCH S OR EXCEPTIONS	
23. COMMU	NICATIONS						
Sequence No.	Item	1	2	3	4		Change Bar
11-01	High Frequency (HF) Communication Systems	D	2	-	•	s of those required by be inoperative.	
		C	2	1	operations that provided that:  a) Aircra operations b) SATV availa intend (as recomm status d) Altern	interpretative while conducting at require two LRCS in the saturation of the saturation of the aircraft, and ate procedured.	I
12-01	VHF Systems	D	3	-	14 CFR may is not powere	s of those required by be inoperative provided it d by an Essential Bus and or emergency procedures.	,
24-01 ***	ACARS	D	1	0		rative provided operations s do not require its use.	

AIRCRAFT: A330-200,  SYSTEM & SEQUENCE NO.  23. COMMUN Sequence No. 28-01 ***	ITEM  IICATIONS  Item  Satellite Communication (SATCOM) System	ММ	DAT EL T REP	E: 0	PAGE NO.  8/15/2017  23-2  E KEY  CATEGORY  BER INSTALLED  NUMBER REQUIRED FOR DISPATCH  4. REMARKS OR EXCEPTIONS  Chang Bar
SYSTEM & SEQUENCE NO.  23. COMMUN Sequence No.  28-01	ITEM  IICATIONS  Item  Satellite Communication	1. F	2. I	AIR ( NUM 3. I	CATEGORY BER INSTALLED NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS  Chang Bar
SEQUENCE NO.  23. COMMUN Sequence No.  28-01	IICATIONS Item Satellite Communication	1. F	2. I	AIR ( NUM 3. I	CATEGORY BER INSTALLED NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS  Chang Bar
SEQUENCE NO.  23. COMMUN Sequence No.  28-01	IICATIONS Item Satellite Communication	1	2. 1	3. ľ	BER INSTALLED NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS  Chang Bar
NO.  23. COMMUN Sequence No.  28-01	IICATIONS Item Satellite Communication			3	4. REMARKS OR EXCEPTIONS  Chang Bar
23. COMMUN Sequence No. 28-01	Item Satellite Communication				4 Chang Bar
Sequence No.	Item Satellite Communication				4 Bar
28-01	Satellite Communication				4 Bar
		С	1	0	
					(O) Except for ER operations beyond 180 minutes, may be inoperative provided alternate procedures are established and used.
		D	1	0	Except for ER operations beyond 180 minutes, may be inoperative provided operations or procedures do not require its use.
1)	Voice Channels	С	-	0	(O) Except for ER operations beyond 180 minutes, may be inoperative provided alternate procedures are established and used.
		D	-	0	Except for ER operations beyond 180 minutes, may be inoperative provided operations or procedures do not require its use.
2)	Data Channel	С	1	0	(O) May be inoperative provided alternate procedures are established and used.
		D	1	0	May be inoperative provided operations or procedures do not require its use.

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AIRCRAFT: A330-200,	A330-200F, A330-300	KE/			O. 17a 8/15/2017	PAGE NO. 23-3	
		ММ	EL T	ABL	E KEY		
SYSTEM & SEQUENCE NO.	ITEM	1. F		NUM	CATEGORY BER INSTALL NUMBER REC	ED QUIRED FOR DISPATCH	
NO.				5565	4. REMARKS	S OR EXCEPTIONS	
23. COMMUN	NICATIONS						
Sequence No.	Item	1	2	3	4		Chan Ba
31-01	Passenger/ Supernumerary Address System (PA)						
1)	A330-200, A330-300	В	1	0	a) Altern emerg opera estab b) Flight (audio	•	
					•	station function(s) that the normally may be used.	
		С	1	0	a) PA no b) Altern emero opera	noperative provided: of required by 14 CFR, and nate, normal, and gency procedures and/or uting restrictions are lished and used.	
						station function(s) that ate normally may be used.	
a)	Lavatory Speakers	С	-	0	· · ·	noperative provided cedures are established	
2)	A330-200F	С	1	0	alternate, nor	noperative provided rmal, and emergency and/or operating restrictions ed and used.	
		D	1	0	May be inope do not require	erative provided procedures e its use.	
a)	Lavatory Speaker	С	1	0		noperative provided cedures are established	
		D	1	0	May be income	erative provided procedures	

AIRCRAFT:	VIATION ADMINISTRATIO				O. 17a PAGE NO.				
A330-200	, A330-200F, A330-300		DAT	E: 0	8/15/2017 23-4				
					E KEY				
SYSTEM &		1. 1	REPAIR CATEGORY  2. NUMBER INSTALLED						
SEQUENCE	ITEM			NUMBER REQUIRED FOR DISPATCH					
NO.				• •	4. REMARKS OR EXCEPTIONS				
23. COMMU	NICATIONS								
Sequence No.	Item	1	2	3	4 Ch				
32-01 ***	Prerecorded Announcement and Music Reproducer (PRAM)	C	1	0	(O) May be inoperative provided alternate procedures are developed and used.  May be inoperative provided procedures				
42-01	Cockpit to Ground Crew Call System				do not require its use.				
1)	MECH Call/COCKPIT Call	С	1	0	(O) Cockpit to ground or ground to cockpit calls may be inoperative provided alternate procedures are developed and used.				
2)	Ground External Horn	С	1	0	<ul> <li>(O) May be inoperative provided:</li> <li>a) Personnel are available to monitor APU, and</li> <li>b) The ventilation of the pack bay and avionics compartment is monitored from the cockpit when the aircraft is powered on ground.</li> </ul>				
		С	1	0	(O) May be inoperative provided:  a) The ventilation of the pack bay and avionics compartment is monitored from the cockpit when the aircraft is powered on ground, and b) Alternate procedures are developed and used.				

U.S. DEPART	TMENT OF TRANSPORT	ATIOI	N						
FEDFRAL AV	/IATION ADMINISTRATIO	N			MASTER I	MINIMUM EQUIPMENT LIS	ST		
AIRCRAFT:						AGE NO.			
A330-200,	A330-200F, A330-300		DATE: 08/15/2017 23-5						
					E KEY				
SYSTEM &		1. [	$\overline{}$		CATEGORY BER INSTALLED	r			
SEQUENCE NO.	ITEM					RED FOR DISPATCH			
NO.				R EXCEPTIONS					
23. COMMUN	IICATIONS					Tax			
•	Item	1	2	3	4	Gr	hange Bar		
43-01	Crewmember Interphone System(s)								
1)	Flight Deck to Ground, Ground to Flight Deck Functions								
a)	Flight Interphone	С	1	0	establish b) Service ir external p	erative provided: procedures are ed and used, and nterphone jack at power panel location normally.			
		В	-	0	(O) May be inoperally alternate procedured and used.	erative provided ures are established			
b)	Service Interphone Jacks	С	-	0	establishe b) Flight inte	procedures are ed and used, and erphone jack at external anel location operates			
		В	-	0	(O) May be inoperalternate proceeds and used.	erative provided ures are established			
					(Continued)				

U.S. DEPAR	TMENT OF TRANSPORTA	IOITA	N		MASTER MINIMUM EQUIPMENT LIST
FEDERAL AV	VIATION ADMINISTRATIO	Ν			
AIRCRAFT:		RE\			NO. 17a PAGE NO.
A330-200,	A330-200F, A330-300		DAT	E: 0	08/15/2017 23-6
		ММ	EL T	ABL	LE KEY
0)/07514.0		1. F	REPA	AIR C	CATEGORY
SYSTEM &	ITEM 4		2.1	NUN	MBER INSTALLED
SEQUENCE NO.	ITEM			3. 1	NUMBER REQUIRED FOR DISPATCH
140.					4. REMARKS OR EXCEPTIONS
23. COMMUN	NICATIONS				
Sequence No.	Item	1	2	3	4 Change Bar
43-01	Crewmember Interphone System(s) (Cont'd)				
2)	Flight Deck to Cabin/Supernumerary Compartment, Cabin/Supernumerary Compartment to Flight Deck Functions				
a)	A330-200, A330-300	В	-	-	<ul> <li>(O) May be inoperative provided: <ul> <li>a) Flight deck to cabin and cabin to flight deck interphone functions operate normally on at least 50% of the cabin handsets,</li> <li>b) Flight deck to cabin and cabin to flight deck interphone function operates normally at one door for each pair of exit doors, and</li> <li>c) Alternate communication procedures between the affected flight attendant stations are established and used.</li> </ul> </li> <li>NOTE: Any station function(s) that operate normally may be used.</li> </ul>
		С	1	0	<ul> <li>(O) May be inoperative provided:         <ul> <li>a) Crewmember interphone system not required by 14 CFR, and</li> <li>b) Alternate, normal, and emergency procedures and/or operating restrictions are established and used.</li> </ul> </li> <li>NOTE: Any station function(s) that operate normally may be used.</li> <li>(Continued)</li> </ul>

AIRCRAFT:	VIATION ADMINISTRATIO		VISIO	N NC	O. 17a PAGE NO.	
	A330-200F, A330-300	1			8/15/2017 23-7	
					E KEY	
SYSTEM & SEQUENCE NO.	ITEM	1. F		MUŅ	DATEGORY BER INSTALLED NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS	
Sequence No.	Item	1	2	3	4	Chang
43-01	Crewmember Interphone System(s) (Cont'd)		_			Bar
2)	Flight Deck to Cabin/Supernumerary Compartment, Cabin/Supernumerary Compartment to Flight Deck Functions (Cont'd)					
b)	A330-200F	С	1	0	(O) May be inoperative provided alternate, normal, and emergency procedures and/or operating restrictions are established and used.	
		D	1	0	May be inoperative provided procedures do not require its use.	
3)	Cabin to Cabin Function (A330-200, A330-300)	В	-	-	<ul> <li>(O) May be inoperative provided: <ul> <li>a) Cabin to cabin interphone</li> <li>functions operate normally on at least 50% of the cabin handsets,</li> <li>b) Cabin to cabin interphone function operates normally at one door for each pair of exit doors, and</li> <li>c) Alternate communication procedures between the affected flight attendant stations are established and used.</li> </ul> </li> <li>NOTE: Any station function(s) that operate normally may be used.</li> </ul>	
					(Continued)	

II S DEDAD	TMENT OF TRANSPORT	ATIO	NI.			
			N		MASTER MINIMUM EQUIPMENT	LIST
	/IATION ADMINISTRATION		// 01/	2010	IO 47-	
AIRCRAFT: A330-200,	A330-200F, A330-300	KE			IO. 17a PAGE NO. 8/15/2017 23-8	
		MM	EL T	ABL	E KEY	
SYSTEM &		1. F	$\overline{}$		CATEGORY	
SEQUENCE	ITEM		2. NUMBER INSTALLED			
NO.				3. [	NUMBER REQUIRED FOR DISPATCH  4. REMARKS OR EXCEPTIONS	
23. COMMUN	JICATIONS			<u> </u>	4. REMARKS ON EXCEPTIONS	
Sequence No.	Item	1	2	3	4	Change Bar
43-01	Crewmember		_			Ваг
45-01	Interphone System(s) (Cont'd)					
4)	Bulk Crew Rest Compartment Cabin Interphone Function (With STC No. ST11686SE-T)	С	1	0	(O) May be inoperative provided alternate procedures are developed and used.	
		D	1	0	(M)(O) May be inoperative provided the Bulk Crew Rest Compartment is considered inoperative.	
5)	Handset System(s)					
а)	Flight Deck Handset	D	1	0	May be inoperative provided operations/procedures do not require its use.	
i)	A330-200, A330-300	С	1	0	<ul> <li>(O) May be inoperative provided:</li> <li>a) Flight deck to cabin communication operates normally, and</li> <li>b) Alternate procedures are established and used.</li> </ul>	
ii)	A330-200F	С	1	0	May be inoperative provided flight deck to supernumerary compartment communication operates normally.	
					(Continued)	

	TMENT OF TRANSPORT		N		MASTE	ER MINIMUM EQUIPMENT LIST		
FEDERAL AV	/IATION ADMINISTRATIO		VISIO	N NC	IO. 17a	PAGE NO.		
	A330-200F, A330-300			_	8/15/2017	23-9		
		ММ	EL T	ABL	E KEY			
SYSTEM & SEQUENCE NO.	ITEM		1. REPAIR CATEGORY  2. NUMBER INSTALLED  3. NUMBER REQUIRED FOR DISPATO  4. REMARKS OR EXCEPTIONS					
23. COMMUN	NICATIONS							
Sequence No.	Item	1	2	3	4	Chang Bar		
43-01 5)	Crewmember Interphone System(s) (Cont'd) Handset System(s)							
b)	(Cont'd) Cabin Attendant Handsets (A330-200, A330-300)	В	-		a) 50% of normal b) One hormal doors, c) Alternal process flight a estable NOTE 1: An of inop shall the stable NOTE 2: Any	landset must operate ally at each pair of exit		

U.S. DEPAR	TMENT OF TRANSPORTA	TIOI	N				
FEDERAL A\	/IATION ADMINISTRATIO	N			MASTER MINIMUM EQUIPMENT LIST		
AIRCRAFT:					NO. 17a PAGE NO.		
A330-200,	A330-200F, A330-300	DATE: 08/15/2017 23-10					
					LE KEY		
SYSTEM &	SYSTEM &				CATEGORY MBER INSTALLED		
SEQUENCE	ITEM		2.1		NUMBER REQUIRED FOR DISPATCH		
NO.		4. REMARKS OR EXCEPTIONS					
23. COMMUN	IICATIONS						
Sequence No.	Item	1	2	3	4 Chang Bar		
43-01	Crewmember Interphone System(s) (Cont'd)						
5)	Handset System(s) (Cont'd)						
c)	Supernumerary Handset (A330-200F)	С	1	0	(O) May be inoperative provided alternate, normal, and emergency procedures and/or operating restrictions are established and used.		
					NOTE: Any handset function(s) that operate normally may be used.		
		D	-	0	All may be inoperative provided the supernumerary compartment remains unoccupied.		
d)	Crew Rest Compartment Handset	С	-	0	<ul> <li>(O) May be inoperative provided:</li> <li>a) One loudspeaker is operative in the associated crew rest compartment, and</li> <li>b) Alternate procedures are established and used.</li> </ul>		
<b>e)</b> ***	Lower Deck Cabin Crew Rest Compartment Handset	С	-	0	(O) May be inoperative provided alternate procedures are developed and used.		
		D	-	0	May be inoperative provided lower deck cabin crew rest compartment is considered inoperative.		
					(Continued)		

U.S. DEPAR	TMENT OF TRANSPORT	ATIOI	N					
FEDFRAL AV	/IATION ADMINISTRATIO	N			MASTE	ER MINIMUM EQUIPMENT	LIST	
AIRCRAFT:					O. 17a	PAGE NO.		
A330-200,	A330-200F, A330-300		DATE: 08/15/2017 23-11					
		_			E KEY			
SYSTEM &		1. H			CATEGORY BED INISTALL	ED		
SEQUENCE	ITEM	NUMBER INSTALLED     NUMBER REQUIRED FOR DISPATCH						
NO.		4. REMARKS OR EXCEPTIONS						
23. COMMUN	NICATIONS							
Sequence No.	Item	1	2	3	4		Change Bar	
43-01	Crewmember Interphone System(s) (Cont'd)							
5)	Handset System(s) (Cont'd)							
f) ***	Bulk Crew Rest Compartment Handset (With STC No. ST11686SE-T)	С	5	0		noperative provided cedures are developed and		
		D	5	0		erative provided lower deck est compartment is operative.		
i)	Pilot Area Handset	С	3	1	Two may be i area.	inoperative in the pilot		
ii)	Flight Attendant/ Common Area Handset	С	2	1		inoperative in either the nt or common area.		
g)	Lower Deck Mobile Crew Rest Handset (With STC No. ST02440SE)	С	2	0		noperative provided cedures are developed and		
		D	2	0		erative provided Lower Crew is locked closed and		
					(Continued)			

U.S. DEPAR	TMENT OF TRANSPORT	ATIOI	N				
FEDERAL AV	/IATION ADMINISTRATIO	N			MASTE	ER MINIMUM EQUIPMENT LIS	ST
AIRCRAFT:					IO. 17a	PAGE NO.	
A330-200,	A330-200F, A330-300		DAT	E: 0	8/15/2017	23-12	
					E KEY		
SYSTEM &		1. 1			CATEGORY BER INSTALL	EN	
SEQUENCE	ITEM		2.1			UIRED FOR DISPATCH	
NO.				311		OR EXCEPTIONS	
23. COMMUN	IICATIONS						
Sequence No.	Item	1	2	3	4	Ch I	nange Bar
43-01	Crewmember Interphone System(s) (Cont'd)						
6)	Alerting System (Chime/Light)						
a)	ATT Call Lights (Flight Deck Call Lights/ CAPT and F/O ACP)						
i)	A330-200, A330-300	В	2	0	May be inope deck buzzer is	rative provided the flight s operative.	
						ight deck buzzer must s be operative.	
ii)	A330-200F	В	2	0	May be inope deck buzzer is	rative provided the flight s operative.	
		D	2	0		erative provided ry compartment remains	
					(Continued)		

		TMENT OF TRANSPORTA		N		MASTE	R MINIMUM EQUIPMENT	LIST
		/IATION ADMINISTRATIO		// () /		0.47-	DAGENO	
AIRCRAFT		A330-200F, A330-300	KE			O. 17a 8/15/2017	PAGE NO. 23-13	
A000-20	<i>J</i> 0,	7,000-2001 , 7,000-000					20-10	
			_			E KEY CATEGORY		
SYSTEM 8	Š.		1. [			BER INSTALL	En	
SEQUENC	Ε	ITEM		2.1			UIRED FOR DISPATCH	
NO.					0. 1		OR EXCEPTIONS	
23. COMM	UN	IICATIONS				1		
Sequence No.		Item	1	2	3	4		Change Bar
43-01		Crewmember Interphone System(s) (Cont'd)						<u> </u>
6)		Alerting System (Chime/Light) (Cont'd)						
i i	<b>o</b> )	Cabin Attendant/ Supernumerary Compartment Call Light System						
	i)	A330-200, A330-300	В	1	0	a) Passe operat b) If affect is used detected lavator (audio operat c) Alternatestabli NOTE 1: Passe light Non-Furn NOTE 2: Any function norm	operative provided: nger address (PA) system les normally, leted visual alerting system d for lavatory smoke or alerting, an alternate ry smoke alert or visual) is installed and les normally, and late procedures are lished and used.  senger to attendant call system is considered lessential Equipment and lishing (NEF).  visual alerting system tion(s) that operates hally may be used.	
						(Continued)		

	TMENT OF TRANSPORTA		N		MASTE	R MINIMUM EQUIPMENT	LIST	
AIRCRAFT:	A330-200F, A330-300				O. 17a 8/15/2017	PAGE NO. 23-14		
7,000-200,	7000-2001 , 7000-000	ММ				20-14		
SYSTEM & SEQUENCE NO.	ITEM	_	MMEL TABLE KEY  1. REPAIR CATEGORY  2. NUMBER INSTALLED  3. NUMBER REQUIRED FOR DISPATCH					
23. COMMUN	JICATIONS				4. REMARKS	OR EXCEPTIONS		
Sequence No.	Item	1	2	3	4		Change Bar	
43-01	Crewmember Interphone System(s) (Cont'd)						bar	
6)	Alerting System (Chime/Light) (Cont'd)							
b)	Cabin Attendant/ Supernumerary Compartment Call Light System (Cont'd)							
ii)	A330-200F	D	1	0	a) Superi systen b) Alterna establi NOTE 1: Lava com is co Equi (NEI NOTE 2: Any func norn	rative provided: numerary address (PA) n operates normally, and ate procedures are ished and used.  atory to supernumerary partment call light system onsidered Non-Essential ipment and Furnishing F).  visual alerting system tion(s) that operates nally may be used.  rative provided ry compartment remains		
					(Continued)			

U.S. DEPAR	TMENT OF TRANSPORTA	ATIOI	N		MACTE	R MINIMUM EQUIPMENT LIST		
FEDERAL A\	/IATION ADMINISTRATIO	N			MASTE	R MINIMUM EQUIPMENT LIST		
AIRCRAFT: A330-200,	A330-200F, A330-300	RE	REVISION NO. 17a PAGE NO. 23-15					
·	, , , , , , , , , , , , , , , , , , ,	мм	FI T	ΆΒΙ	E KEY			
SYSTEM & SEQUENCE NO.	ITEM	_	REP	AIR ( NUM	CATEGORY BER INSTALLI NUMBER REQ	UIRED FOR DISPATCH		
900 W (11)	UO ATIONO	<u> </u>			4. REMARKS	OR EXCEPTIONS		
23. COMMUN		1 4			Τ.	Chan		
Sequence No.	Item	1	2	3	4	Bar		
43-01	Crewmember Interphone System(s) (Cont'd)							
6)	Alerting System (Chime/Light) (Cont'd)							
c)	Cabin Attendant/ Supernumerary Compartment Chime System							
i)	A330-200, A330-300	В		0	a) Passe operat b) If affect lavator an alter (audio operat c) Alternatestablic NOTE 1: Passes system Non-Furn NOTE 2: Any functions	operative provided: nger address (PA) system res normally, cted chime is used for ry smoke detector alerting, remate lavatory smoke alert or visual) is installed and res normally, and rate procedures for are rished and used.  senger to attendant chime rem is considered ressential Equipment and rishing (NEF).  audio alerting system rition(s) that operates rially may be used.		
					(Continued)			

U.S. DEPAR	TMENT OF TRANSPORTA	OITA	V						
FEDERAL A	VIATION ADMINISTRATIO	N			MASTE	R MINIMUM EQUIPMENT LIS	ST		
AIRCRAFT:			VISION NO. 17a			PAGE NO.			
A330-200,	A330-200F, A330-300		DAT	ATE: 08/15/2017 23-16					
		MMEL TABLE KEY							
SYSTEM &		1. F			CATEGORY BER INSTALLI	En			
SEQUENCE	ITEM		2. 1			UIRED FOR DISPATCH			
NO.				0.,		OR EXCEPTIONS			
23. COMMUN	NICATIONS	<u>'</u>	<u>'</u>		'				
Sequence No.	Item	1	2	3	4	C	hange Bar		
43-01	Crewmember Interphone System(s) (Cont'd)								
6)	Alerting System (Chime/Light) (Cont'd)								
с)	Cabin Attendant/ Supernumerary Compartment Chime System (Cont'd)								
ii)	A330-200F	В	1	0	a) Superi systen b) Alterna establi NOTE 1: Any func norm NOTE 2: Lava com	rative provided: numerary address (PA) n operates normally, and ate procedures are ished and used. audio alerting system tion(s) that operates nally may be used. atory to supernumerary partment chime system is sidered Non-Essential ipment and Furnishing =).			
		D	1	0		rative provided ry compartment remains			
7) ***	ATTND ADV Light System	С	1	0		operative provided edures are established			
		D	1	0	May be inope do not require	rative provided procedures its use.			

U.S. DEPAR	TMENT OF TRANSPORTA	IOITA	V		MASTER MINIMUM EQUIPMENT	LIST
	VIATION ADMINISTRATIO					
AIRCRAFT: A330-200	, A330-200F, A330-300	RE\			O. 17a PAGE NO. 8/15/2017 23-17	
		ММ	EL T	ABL	E KEY	
SYSTEM & SEQUENCE NO.	ITEM NICATIONS	1. F		MUN	DATEGORY BER INSTALLED NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS	
Sequence No.	Item	1	2	3	4	Change Bar
51-01	SELCAL	С	1	0	(O) May be inoperative provided alternate procedures are established and used.	Dai
		D	1	0	May be inoperative provided procedures do not require its use.	
51-02	Audio Control Panel (ACP)					
1)	CAPT and F/O	С	2	1	(O) One may be inoperative provided:  a) ACP 3 operates normally, and b) AUDIO SWITCHING selector operates normally.	
2)	ACP 3				See item 25-11-06 1), Primary Observer Seat, for relief.	 
<b>3)</b> ***	Fourth Occupant	D	1	0		
<b>4)</b> ***	Avionics Compartment	D	1	0		
5)	Transmission Key(s)	С	-	-	One may be inoperative on each ACP provided:  a) VHF 1 transmission key operates normally on either CAPT ACP or F/O ACP, and b) HF 1 transmission key (If HF is required) operates normally on either CAPT ACP or F/O ACP.	
6)	Reception Knob(s)	С	-	-	One may be inoperative on each ACP provided:  a) VHF 1 reception knob operates normally on either CAPT ACP or F/O ACP, and b) HF 1 reception knob (If HF is required) operates normally on either CAPT ACP or F/O ACP.	
7)	Reception Knob Lights	С	-	0		

VIATION ADMINISTRATIO								
	N			MASTER MINIMUM EQUIPMENT	LIST			
		/ISIC	ON N	O. 17a PAGE NO.				
), A330-200F, A330-300		DATE: 08/15/2017 23-18						
	1. F							
ITEM		2. r						
			3.1					
NICATIONS				4. INDIANACO ON EXCENTIONS				
Item	1	2	3	4	Change Bar			
SWITCHING Panel								
AUDIO Selector	С	1	0					
Flight Deck Headsets/ Headphones	D	-	-	Any in excess of those required by 14 CFR may be inoperative.				
Headset Boom Microphones	A	-	0	May be inoperative provided:  a) Associated hand microphone is installed and operates normally, b) Flight Data Recorder (FDR) operates normally, and c) Repairs are made within 3 flight days.				
Headset Earphones/ Headphones	С	-	1	Either Captain's or First Officer's earphone/headphones may be inoperative provided associated flight deck speaker operates normally.				
Hand Microphone Systems								
Captain and First Officer	С	2	0	May be inoperative provided associated boom microphone operates normally.				
Observer Seats/ Avionics Compartment	D	-	0	May be inoperative provided procedures do not require their use.				
Cockpit Loudspeakers	С	2	1	One may be inoperative provided associated headset earphones or headphones are installed and operate normally.				
	NICATIONS  Item  SWITCHING Panel  AUDIO Selector  Flight Deck Headsets/ Headphones  Headset Boom Microphones  Headset Earphones/ Headphones  Captain and First Officer  Observer Seats/ Avionics Compartment	ITEM  ITEM  ITEM  Item  SWITCHING Panel  AUDIO Selector  Flight Deck Headsets/ Headphones  Headset Boom Microphones  Headset Earphones/ Headphones  C  Hand Microphone Systems  Captain and First Officer  C  Observer Seats/ Avionics Compartment	NICATIONS    Item	TEM	NICATIONS  Item 1 2 3 4  SWITCHING Panel AUDIO Selector C 1 0  Flight Deck Headsets/ Headphones A - 0 May be inoperative provided: a) Associated hand microphone is installed and operates normally, b) Flight Data Recorder (FDR) operates normally, and c) Repairs are made within 3 flight days.  Headset Earphones/ Headphones  C - 1 Either Captain's or First Officer's earphone/headphones may be inoperative provided associated flight deck speaker operates normally.  Hand Microphone Systems  Captain and First Officer C 2 0 May be inoperative provided associated boom microphone operates normally.  Observer Seats/ Avionics Compartment  Cockpit Loudspeakers C 2 1 One may be inoperative provided associated associated headset earphones or headphones are installed and operate			

AIRCRAFT:	VIATION ADMINISTRATIO				O. 17a PAGE NO.	
A330-200	), A330-200F, A330-300		DAT	E: 0	3/15/2017 23	3-19
		_			E KEY	
SYSTEM &		1. H	$\overline{}$		CATEGORY	
SEQUENCE	ITEM		2. 1		BER INSTALLED	CDATOLI
NO.				3.1	NUMBER REQUIRED FOR DIS 4. REMARKS OR EXCEPTION	
23. COMMU	NICATIONS				4. REMARKS OR EXCEPTION	JNS
Sequence No.	Item	1	2	3	4	Change
51-07	Side Stick Radio	C	2	0		Bar
31-07	Selector (PTT)	С	2	0	May be inoperative in open por provided INT/RAD switches of CAPT ACP, F/O ACP, and AC operate normally.  (M) May be inoperative provided a) INT/RAD switches on a switches	n CP3 led:
					CAPT ACP, F/O ACP, operate normally, and b) Affected switch is dead open position.	
70-01 ***	Emergency Evacuation Signaling System	С	1	0	(O) May be inoperative provid alternate procedures are developed.	
		D	1	0	May be inoperative provided produced to not require its use.	orocedures
71-01	Cockpit Voice Recorder System (CVR)	A	1	0	May be inoperative provided:  a) Flight Data Recorder ( operates normally, and b) Repairs are made with 3 flight days.	d
<b>1)</b> ***	Independent Power Source	С	1	0		
72-01 ***	Cockpit Door Surveillance System (CDSS)	D	1	-	Any in excess of those require 14 CFR may be inoperative.	ed by

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FEDERAL AV	/IATION ADMINISTRATIC	N			MASTER MINIMUM EQUIPMENT LIST			
AIRCRAFT:	ANTION ADMINIOTIATIO		VISIO	ON N	NO. 17a PAGE NO.			
A330-200,	A330-200F, A330-300		DAT	E: 0	08/15/2017 23-20			
		_			LE KEY			
SYSTEM &		1. F			CATEGORY			
SEQUENCE	ITEM		2. [		MBER INSTALLED			
NO.				NUMBER REQUIRED FOR DISPATCH     A. REMARKS OR EXCEPTIONS				
23. COMMUN	NICATIONS				4. INDIANICO DIN EXCELLITIONE			
Sequence No.	Item	1	2	3	4 Change Bar			
73-01	Cabin Intercommunication Data System (CIDS)							
1)	DEU A							
а)	Loudspeakers (Cabin)	С	-	-	One or more may be inoperative and passengers may be carried provided:  a) Passenger Address System operates normally, and b) No seat may be occupied from which a passenger cannot clearly hear a passenger address announcement.			
		В	-	-	One or more may be inoperative provided Passenger Address System is considered inoperative.			
b) ***	Loudspeakers (Lower Deck Cabin Crew Rest Compartment)	D	-	0	(O) May be inoperative provided alternate procedures are developed and used.			
c) ***	Loudspeakers (Lower Deck Facilities)	С	-	0	(O) May be inoperative provided alternate procedures are developed and used.			
d) ***	Loudspeakers (Bulk Crew Rest Compartment) (With STC No. ST11686SE-T)	D	3	1	Two speakers may be inoperative provided the speaker on the auxiliary panel is operational.			
		D	3	0	<ul> <li>(O) May be inoperative provided:</li> <li>a) Flight deck to cabin communications operates normally, and</li> <li>b) Alternate procedures are developed and used.</li> </ul>			
					(Continued)			

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U.S. DEPAR	TMENT OF TRANSPORTA	AHOI	N		MASTER MINIMUM EQUIPMENT LIST			
	/IATION ADMINISTRATIO							
AIRCRAFT:	A330-200F, A330-300	RE		ON NO. 17a PAGE NO. TE: 08/15/2017 23-21				
7 1000 200,	7.000 _00. ,7.000 000	ММ			E KEY			
		_			CATEGORY			
SYSTEM & SEQUENCE	ITEM		2. N		BER INSTALLED			
NO.	TT CIVI			3.1	NUMBER REQUIRED FOR DISPATCH			
23. COMMUN	IICATIONS				4. REMARKS OR EXCEPTIONS			
Sequence No.	Item	1	2	3	4 Change			
73-01	Cabin	•	_		Bar			
75-01	Intercommunication Data System (CIDS) (Cont'd)							
1)	DEU A (Cont'd)							
е)	Main Deck Cargo Loudspeaker and Indicator Box (LIB)							
i)	A330-200F Without Mod. 200261 (No access to Main Deck Cargo During Flight)	С	8	0	(O) One or more may be inoperative.			
ii)	A330-200F With Mod. 200261 (Access to Main Deck Cargo During Flight)	С	12	11	(O) One may be inoperative provided that all MDCC Leave Compartment Signs are operative.			
		С	12	0	(O) One or more may be inoperative provided that access to the MDCC during flight is not authorized.			
f)	Loudspeakers (Lower Deck Mobile Crew Rest) (With STC No. ST02440SE)	D	2	0	(O)May be inoperative provided alternate procedures are developed and used.			
					(Continued)			

U.S. DEPAR	TMENT OF TRANSPORTA	TIOI	N				
FEDFRAL AV	/IATION ADMINISTRATIO	N			MASTE	R MINIMUM EQUIPMENT L	.IST
AIRCRAFT:			_		O. 17a	PAGE NO.	
A330-200,	A330-200F, A330-300				8/15/2017	23-22	
					E KEY CATEGORY		
SYSTEM &		1. [			BER INSTALL	ED .	
SEQUENCE NO.	ITEM					UIRED FOR DISPATCH	
W1100 W110					4. REMARKS	OR EXCEPTIONS	
23. COMMUN		1 .		1 .	T .		Change
Sequence No.	Item	1	2	3	4		Bar
73-01	Cabin Intercommunication Data System (CIDS) (Cont'd)						
2)	DEU B						
а)	Cabin Attendant Stations	С	-	-	as not require inoperative pr	ore at stations designated ed by 14 CFR may be rovided alternate re developed and used.	
b) ***	Lower Deck Cabin Crew Rest Compartment Attendant Indication Panel (AIP)	D	1	0			
c) ***	Lower Deck Facilities Cabin Attendant Station	С	-	1		may be inoperative ast one handset is	
d)	Lower Deck Mobile Crew Rest Attendant Indication Panel (AIP) (With STC No. ST02440SE)	D	1	0		operative provided cedures are established	
3)	Cabin Assignment Module (CAM)	С	1	0			
					(Continued)		

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AIRCRAF				EVISION NO. 17a PAGE NO.				
A330-2	200,	A330-200F, A330-300		DAT	E: 0	8/15/2017 23-23		
						E KEY		
SYSTEM	&		1. F			CATEGORY		
SEQUENC		ITEM		2. [		BER INSTALLED		
NO.				NUMBER REQUIRED FOR DISPATCH     4. REMARKS OR EXCEPTIONS				
23. COMN	NUN	IICATIONS				4. NEIW WITE ON EXCENTIONS		
Sequence No		Item	1	2	3	4 Change Bar		
73-01		Cabin Intercommunication Data System (CIDS) (Cont'd)						
<b>4)</b> ***		Emergency Cockpit Alerting System (ECAS)	С	-	0	(O) May be inoperative provided alternate procedures are established and used.		
			D	-	0	May be inoperative provided operations or procedures do not require its use.		
5)		Attendant Indication Panels (AIP)						
	a)	A330-200, A330-300	С	-	0	May be inoperative at non-required cabin attendant stations.		
			С	-	0	<ul> <li>(O) May be inoperative at required cabin attendant stations provided: <ul> <li>a) Corresponding Area Call Panel operates normally,</li> <li>b) Passenger address and cabin interphone at affected station operate normally, and</li> <li>c) Alternate procedures are established and used.</li> </ul> </li> </ul>		
	b)	A330-200F	С	-	0	May be inoperative.		
6)		Area Call Panel (ACP) (A330-200, A330-300)	С	-	0	May be inoperative at non-required cabin attendant stations.		
			С	-	0	<ul> <li>(O) May be inoperative at required cabin attendant stations provided: <ul> <li>a) Corresponding Attendant Indication Panel operates normally,</li> <li>b) Passenger address and cabin interphone at affected station operate normally, and</li> <li>c) Alternate procedures are established and used.</li> </ul> </li> </ul>		

U.S. DEPAR	TMENT OF TRANSPORT	ATIOI	N		
FEDERAL A	VIATION ADMINISTRATIO	NC			MASTER MINIMUM EQUIPMENT LIST
AIRCRAFT:	, A330-200F, A330-300		_		IO. 17a PAGE NO. 8/15/2017 23-24
A330-200	, A330-2001 , A330-300				
					.E KEY Category
SYSTEM &		1. [			BER INSTALLED
SEQUENCE	ITEM				NUMBER REQUIRED FOR DISPATCH
NO.				• •	4. REMARKS OR EXCEPTIONS
23. COMMU	NICATIONS				'
Sequence No.	Item	1	2	3	4 Change Bar
73-02	Forward/Flight Attendant Panel (FAP)	С	-	0	(M)(O) May be inoperative provided:  a) Associated FAP functions are considered inoperative, and b) Alternate procedures are established and used.
					NOTE: EMER pb must always be operative.
1)	Cabin Lighting Control on FAP	С	-	0	(O) May be inoperative provided alternate procedures are established and used.
<b>2)</b> ***	Prerecorded Announcement and Music Reproducer Control on FAP	С	1	0	(O) May be inoperative provided alternate procedures are established and used.
<b>3)</b> ***	Cabin Ready on FAP	С	-	0	(O) May be inoperative provided alternate procedures are established and used.
<b>4)</b> ***	EVAC CMD on FAP	С	-	0	(O) May be inoperative provided alternate procedures are established and used.
		D	1	0	May be inoperative provided procedures do not require its use.
5)	Slide Bottle Pressure Indication on FAP				
a)	A330-200, A330-300	С	8	0	(O) May be inoperative provided alternate procedures are used to verify affected slide bottle pressure prior to first departure of each day.
b)	A330-200F	С	2	0	(O) May be inoperative provided alternate procedures are used to verify affected slide bottle pressure prior to first departure of each day.
					(Continued)
					(Continued)

	. T.O.					
IMENT OF TRANSPORTA	AHOI	N		MASTER MINIMUM EQUIPMENT LIST		
/IATION ADMINISTRATIO				_		
A330-200F, A330-300	RE'	REVISION NO. 17a PAGE NO. 23-25				
7.000 200. (7.000 000	ММ					
ITEM				IBER INSTALLED		
I I ⊏IVI			3. 1	NUMBER REQUIRED FOR DISPATCH		
				4. REMARKS OR EXCEPTIONS		
	Ι.	l <u>.</u>	l <u>.</u>	Change		
	1	2	3	4 Change Bar		
Attendant Panel (FAP) (Cont'd)						
Door Bottle Pressure Indication on FAP						
A330-200, A330-300	С	8	0	(O) May be inoperative provided bottle pressure at each affected door is verified prior to first departure of each day.		
A330-200F	С	2	0	(O) May be inoperative provided bottle pressure at each affected door is verified prior to first departure of each day.		
Other Indications on FAP	D	-	0			
Cabin Items Indicated by FAP Related Class 1 Messages (Not Listed in MMEL)		-	-	CIDS/FAP messages displayed without associated Cockpit Effect that are not associated with an MMEL item do not require MEL entry.		
	A330-200F, A330-300  ITEM  ICATIONS  Item  Forward/Flight Attendant Panel (FAP) (Cont'd)  Door Bottle Pressure Indication on FAP  A330-200, A330-300  A330-200F  Other Indications on FAP  Cabin Items Indicated by FAP Related Class 1 Messages	A330-200F, A330-300    ITEM	A330-200F, A330-300  MMEL T  ITEM  I	A330-200F, A330-300		

U.S. DEPA	٩R٦	TMENT OF TRANSPORTA	TIOI	V		MASTE	R MINIMUM EQUIPMENT	LIST			
FEDERAL	A۷	/IATION ADMINISTRATIO	Ν			Wii (OTE	it will the Egon Welth	LIGI			
AIRCRAFT			RE\	REVISION NO. 17a			PAGE NO.				
A330-20	00,	A330-200F, A330-300		DAT	E: 0	8/15/2017	23-26				
				MMEL TABLE KEY							
SYSTEM 8	2		1. F			CATEGORY					
SEQUENC		ITEM		2. [		BER INSTALLI					
NO.					3. r		UIRED FOR DISPATCH OR EXCEPTIONS				
23 COMM	IUN	IICATIONS				4. INDIVIANIO	ON EXCEL HONG				
Sequence No.		Item	1	2	3	4		Change Bar			
81-01		Radio Management Panels (RMP)						Bai			
1)		RMP 1									
;	a)	Radio Comm. Selection Keys	С	6	5		be inoperative except equired) and VHF 1 key.				
2)		RMP 2 and 3	С	2	1						
82-01		Wheelchair Accessible Lavatory				Deleted, Revi	sion 14.				

U.S. DEPARTMENT OF TRANSPORT	ATIO	N								
EEDEDAL AVIATION ADMINISTRATIO	<b>2NI</b>			MASTE	R MINIMUM EQUIPMENT LI	ST				
FEDERAL AVIATION ADMINISTRATION ARCRAFT:		/ISIC	N NC	O. 16	PAGE NO.					
A330-200, A330-200F, A330-300				7/01/2014	24-1					
	ММ	MMEL TABLE KEY								
SYSTEM &	_			CATEGORY						
SEQUENCE ITEM		2.1		BER INSTALLI						
NO.			3.1		UIRED FOR DISPATCH					
24. ELECTRICAL POWER				4. REWARKS	OR EXCEPTIONS					
	1	2	3	4	C	hange				
22-01 AC Main Generation (IDG, GCU, Line Contactor)	1   B	2 2	1	120 minutes, provided:  a) APU g norma the flig b) All bus c) Indicated AC may anorma d) There SYS F with IE AC may on EC e) There PUMP on EC f) Autom electric from A checked AC may inoper g) APU a land rechecked h) Opera quantitic from A checked h)	t for ER operations beyond one may be inoperative denerator operates and is used throughout that, asses can be powered, and generation and axiliary generation operate and generation operate and generation associated and E/WD, and E/WD, is no FUEL APU AFT of FAULT caution displayed AM E/WD, at its switching of essential cal network power supply and generative daily when an generation 2 is	nange Bar				

					MASTER MINIMUM EQUIPMENT LIST
	VIATION ADMINISTRATIO		//014		DAGE NO.
AIRCRAFT: A330-200	, A330-200F, A330-300	RE			O. 16 PAGE NO. 24-2
		MM	EL T	ABL	E KEY
SYSTEM & SEQUENCE	ITEM	1. F	$\overline{}$	MUN	CATEGORY BER INSTALLED NUMBER REQUIRED FOR DISPATCH
NO.				J. 1	4. REMARKS OR EXCEPTIONS
24. ELECTR	ICAL POWER				'
Sequence No.	Item	1	2	3	4 Change Bar
22-02	ELEC IDG 1(2) OIL SYS FAULT Caution on ECAM EWD	С	2	1	<ul> <li>(M) One may be displayed provided:</li> <li>a) Associated IDG oil circuit is verified to be operational prior to each departure, and</li> <li>b) Sight glass is verified to show correct oil level on associated IDG.</li> </ul>
		В	2	1	<ul> <li>(M)(O) One may be displayed provided:</li> <li>a) Associated IDG is disconnected,</li> <li>b) Associated IDG is completely drained in the case of evidence of oil leakage, and</li> <li>c) Associated AC main generation is considered inoperative.</li> </ul>
23-01	AC Auxiliary Generation (APU Generator, GCU, Line Contactor)	С	1	0	Except for ER operations beyond 120 minutes, may be inoperative provided the APU is not used.
		С	1	0	<ul> <li>(M) Except for ER operations beyond</li> <li>120 minutes, may be inoperative provided: <ul> <li>a) The failure is not mechanically related, and</li> <li>b) The APU GEN pb-sw is selected OFF.</li> </ul> </li> </ul>
		С	1	0	(M) Except for ER operations beyond 120 minutes, may be inoperative provided the AC Auxiliary Generation is deactivated or removed.

		Ĺ	//01/	- I I	10.40	DACENO	
AIRCRAFT: A330-200	o, A330-200F, A330-300	KE			IO. 16 7/01/2014	PAGE NO. 24-3	
	<u>,                                      </u>	мм	EL T	ABL	E KEY		
0\/075\4.0					CATEGORY		
SYSTEM & SEQUENCE	ITEM		2.1	MUN	BER INSTALLE	ED	
NO.	I I LIVI			3.1		UIRED FOR DISPATCH	
W109881222					4. REMARKS	OR EXCEPTIONS	
	RICAL POWER			ı	1		Chang
Sequence No.	Item	1	2	3	4		Chang Bar
25-01	AC ESS FEED Control						
1)	Automatic Transfer to AC BUS 2	С	1	0	a) AC ES NORM	ree DC tie contactors are	
2)	Manual Transfer to AC BUS 2 (ALTN Function)	С	1	0	inoperative pro a) AC ES NORM	S FEED pb-sw is selected I, and ree DC tie contactors are	
26-01	Galley Supply System						
1)	Automatic	С	1	0	GALLEY pb-s	rative provided w and GALLEY FAULT ckpit operate normally.	
2)	Manual	С	1	0		e inoperative provided ad system operates	
3)	Automatic and Manual	С	2	0		operative provided all re disconnected.	
26-02	COMMERCIAL Supply System	С	1	0			

U.S. DEF	PAR	TMENT OF TRANSPOR	TATIO	N			
FEDERA	۱L A۱	/IATION ADMINISTRATI	ION			MASTE	R MINIMUM EQUIPMENT LIST
AIRCRAI	FT:					O. 16	PAGE NO.
A330-	200,	A330-200F, A330-300				7/01/2014	24-4
						E KEY CATEGORY	
SYSTEM		ITEM	''			BER INSTALLI	ED
SEQUEN NO.	CE	ITEM			3.1		UIRED FOR DISPATCH
24 FI F(	וסדי	CAL POWER				4. REMARKS	OR EXCEPTIONS
Sequence N		Item	1	2	3	4	Change Bar
27-01		AC Generation Monitoring and Indicating System					55
1)		IDG					
	a)	FAULT Lights	С	2	1		noperative provided G indications are available EC AC page.
	b)	OFF Light	С	2	0		
2)		GEN/APU GEN					
	a)	FAULT Light	С	3	1	may be inope	d/or APU GEN FAULT light rative provided associated ications are available on AC page.
	b)	OFF Light	С	3	0		
3)		AC ESS FEED					
,							· · · · · · · · · · · · · · · · · · ·
	a)	FAULT Light	С	1	0		rative provided AC ESS is available on AC page.
	b)	ALTN Light	С	1	0		rative provided AC ESS is available on AC page.
4)		BUS TIE OFF Light	С	1	0		
						(Continued)	

U.S. DEP	AR <sup>-</sup>	TMENT OF TRANSPORTA	IOITA	N		MASTER	MINIMUM EQUIPMENT L	IST	
		/IATION ADMINISTRATIO		// 014	2012	10.40	AOF NO		
AIRCRAF A330-2		A330-200F, A330-300	RE			IO. 16 7/01/2014	AGE NO. 24-5		
			ММ	EL T	ABL	ABLE KEY			
SYSTEM SEQUENC		ITEM	1. F		MUK		RED FOR DISPATCH		
V(1) (V(1))	TDI					4. REMARKS O	R EXCEPTIONS		
		CAL POWER	Τ.	T _	l _	Τ.		Change	
Sequence No.	•	Item	1	2	3	4		Bar	
27-01		AC Generation Monitoring and Indicating System (Cont'd)							
5)		GALLEY							
	a)	FAULT Light	С	1	0	a) AC load i generato ECAM El	erative provided: indication for each or channel is available on LEC AC page, and oc shedding operates		
	b)	OFF Light	С	1	0				
6)		EMER GEN FAULT Light	С	1	0				
7)		COMMERCIAL OFF Light	С	1	0				
8)		LAND RECOVERY ON Light	С	1	0				
9)		Indications on ECAM ELEC AC Page	С	-	-	one AC main ge inoperative provi a) ELEC GE associate AC main normally,	ided: EN 1(2) FAULT caution ed with affected generation operates , and c shedding operates		
	a)	APU GEN Parameters	С	-	0	120 minutes, ma	perations beyond ay be inoperative C main generations are		

A ID C D A C T	VIATION ADMINISTRATIO		/1016	78181	IO 16 DACE NO	
AIRCRAFT: A330-200.	A330-200F, A330-300	KE			IO. 16 PAGE NO. 7/01/2014 24-6	
7.000 200,		мм			E KEY	
					CATEGORY	
SYSTEM & SEQUENCE	ITEM		2. 1	NUM	BER INSTALLED	
NO.	ITEM			3.1	NUMBER REQUIRED FOR DISPATCH	
W150 M2 C1 112					4. REMARKS OR EXCEPTIONS	
	ICAL POWER					Chan
Sequence No.	Item	1	2	3	4	Ba
27-02	Warning and Caution on ECAM E/WD					
1)	ELEC IDG DISCONNECTED	С	2	1	(O) One may be inoperative (confirmed false indication) as displayed on ECAM E/WD.	
		В	2	1	May be displayed on ECAM E/WD provided the associated AC main generation is considered inoperative.	
29-01	Electrical Contactor Management Unit (ECMU)					
1)	Indicating Functions	С	2	1	(M) One may be inoperative provided the AC and DC transfer functions are verified to operate normally.	
32-01	DC Main Generation (APU TR)	С	1	0	(O) Except for ER operations beyond 120 minutes, may be inoperative.	
					NOTE: The APU is considered inoperative for in-flight start.	
					Deleted, Revision 16.	
35-01	DC Bus Tie Contactor 1PC2 (DC BUS 2 - DC BATT BUS)	С	1	0	May be inoperative in open position.	

U.S. DEP	AR1	TMENT OF TRANSPORT	OITA	N				
FEDERAL	Δ١	/IATION ADMINISTRATIC	N			MASTE	R MINIMUM EQUIPMENT	LIST
AIRCRAF		ALTION ADMINISTRATIO		VISIO	ON N	O. 16	PAGE NO.	
A330-2	00,	A330-200F, A330-300		DAT	E: 0	7/01/2014	24-7	
			_			E KEY		
SYSTEM	&		1. F	$\overline{}$		CATEGORY	-n	
SEQUENC	Έ	ITEM		2.1		BER INSTALLE	UIRED FOR DISPATCH	
NO.					0.1		OR EXCEPTIONS	
24. ELEC	TRI	CAL POWER		<u> </u>	'	'		
Sequence No.	•	Item	1	2	3	4		Change Bar
37-01		DC Generation Monitoring and Indicating						·
1)		BAT						
	a)	FAULT Lights	С	3	0	,	rative provided ELEC DC ion operates normally.	
	b)	OFF Lights	С	3	0			
2)		Indications on ECAM ELEC DC Page	С	-	0			
38-01		Battery DC Generation						
1)		Battery	С	3	2	provided APU	ery may be inoperative starting using AC power perate normally.	
			С	3	2	(O) APU batte provided APU	ery may be inoperative is not used.	
2)		Battery Charge Limiter (BCL)	С	3	2	` '	ery charge limiter may be ovided APU battery is not	
3)		Battery Voltage Indication	С	3	0		rative provided associated tion is available on ECAM ge.	

FEDERAL A	VIATION ADMINISTRATIO	N			MASTER MINIMUM EQUIPMEN	
AIRCRAFT:	VIATION ADMINIOTRATIC		VISIO	ON N	O. 16 PAGE NO.	
A330-200	, A330-200F, A330-300		DAT	E: 0	7/01/2014 24-8	
		ММ	EL T	ABL	E KEY	
SYSTEM &		1. F			CATEGORY	
SEQUENCE	ITEM		2.1		BER INSTALLED	
NO.	<u>-</u>			3.1	NUMBER REQUIRED FOR DISPATCH	
04 51 5050	IOAL DOMED				4. REMARKS OR EXCEPTIONS	
	ICAL POWER	1			4	Change
Sequence No.	Item	1	2	3	4	Bar
41-01	AC External Power Control					
1)	Ground Power Control Unit (GPCU)	С	1	0	May be inoperative provided external power is not used.	
2)	Receptacles	С	2	1	(M) May be inoperative provided affected receptacle is not used.	
		С	2	0	(M) May be inoperative provided external power is not used.	
41-02	EXT A pb-sw					
1)	AVAIL Light	С	1	0	(O) May be inoperative provided alternate procedures are established and used.	
2)	ON Light	С	1	0		
41-03	EXT B pb-sw					
1)	AVAIL Light	С	1	0	(O) May be inoperative provided alternate procedures are established and used.	
2)	AUTO Light	С	1	0		
41-04	External Power NOT IN USE and AVAIL Panel Lights	С	4	0	(O) May be inoperative provided alternate procedures are established and used.	
53-01	Circuit Breaker Management Unit (CBMU)	С	1	0	(M) May be inoperative provided alternate procedures are used to verify that no circuit breaker is tripped in electrical compartment bay (main and emergency power centers).	

FEDERAL A	VIATION ADMINISTRATION	NC			MASTER MINIMUM EQUIPMENT	LIST
AIRCRAFT:					O. 17a PAGE NO.	
A330-200	, A330-200F, A330-300		DAT	E: 0	8/15/2017 25-1	
					E KEY	
SYSTEM &		1. H			DATEGORY BER INSTALLED	
SEQUENCE	ITEM		2.1	_	NUMBER REQUIRED FOR DISPATCH	
NO.					4. REMARKS OR EXCEPTIONS	
25. EQUIPM	ENT/FURNISHINGS	-				
Sequence No.	Item	1	2	3	4	Change Bar
11-01	Pilot Seat Adjustments					
1)	Electrical Adjustments	С	2	0	<ul> <li>(M) May be inoperative provided:</li> <li>a) Horizontal and vertical mechanical adjustments operate normally, and</li> <li>b) Associated electrical control is deactivated.</li> </ul>	
2)	Vertical Mechanical Adjustment	С	2	0	May be inoperative provided vertical electrical adjustment operates normally.	
3)	Lumbar	С	2	0	May be inoperative provided seat contour is satisfactory to individual/crewmember requirements.	
4)	Recline Systems	A	2	0	<ul> <li>(M) May be inoperative provided:</li> <li>a) Seat is secured in an upright position acceptable to the affected crewmember, and</li> <li>b) Repairs are made within 2 flight days.</li> </ul>	
11-03	CAPT and F/O Outboard Armrest Controls					
1)	Height Control	С	2	0	May be inoperative provided setting is acceptable to crewmember(s).	
2)	Pitch (Tilt) Control	С	2	0	May be inoperative provided setting is acceptable to crewmember(s).	
3)	Armrest Memory Position Display	С	2	0		

SYSTEM &	. A330-200F. A330-300			N NC	IO. 17a PAGE NO. 8/15/2017 25-2	
SVSTEM &	, A330-200F, A330-300					
EQUENCE NO.	ITEM	_	REP	AIR (	LE KEY CATEGORY BER INSTALLED NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS	
equence No.	ENT/FURNISHINGS	1	2	3	4	Change
11-04	CAPT and F/O Inboard Armrest Vertical Adjustment Controls	C	2	0	May be inoperative or missing.	Bar
11-05	Pilot Seat Headrest	С	2	0		
11-06	Observer Seat(s)					
1)	Primary Observer Seat (Including Associated Equipment)	A	1	0	May be inoperative provided:  a) A passenger seat in the passenger cabin is made available to an FAA inspector for the performance of official duties, and  b) Repairs are made within 2 flight days.	
		A	1	0	May be inoperative provided:  a) Second observer's seat is available and acceptable to an FAA inspector for the performance of official duties, and  b) Repairs are made within 2 flight days.	
		A	1	0	May be inoperative provided:  a) Required minimum safety equipment (oxygen and safety belt) is available, b) Seat is acceptable to an FAA inspector for the performance of official duties, and c) Repairs are made within 2 flight days.	

AIRCRAFT:	VIATION ADMINISTRATIC					AGE NO.	
A330-200	, A330-200F, A330-300		DAT	E: 0	3/15/2017	25-3	
SYSTEM &		_	REP/	AIR (	E KEY CATEGORY		
SEQUENCE NO.	ITEM		2. [		BER INSTALLED IUMBER REQUIR 4. REMARKS OF	RED FOR DISPATCH R EXCEPTIONS	
	ENT/FURNISHINGS			ı			101
Sequence No.	Item	1	2	3	4		Chang Bar
11-06	Observer Seat(s) (Cont'd)						
1)	Primary Observer Seat (Including Associated Equipment) (Cont'd)						
					to provide the above FAA insominimur (oxygen function determine be acce	ot-in-command will	
<b>2)</b> ***	Additional Observer Seat(s)	D	-	0	safety e for other	ne if the minimum equipment is functional or persons authorized to any observer seat(s).	
	(Including Associated Equipment)				equipmen persons a	in-command will e if the minimum safety at is functional for other authorized to occupy rver seat(s).	

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U.S. DEPAR	TMENT OF TRANSPORTA	HOI	N		MASTE	ER MINIMUM EQUIPMENT	LIST
	VIATION ADMINISTRATIO						
AIRCRAFT:	, A330-200F, A330-300	RE\			IO. 17a 8/15/2017	PAGE NO. 25-4	
A330-200,	, A330-200F, A330-300					25-4	
					.E KEY CATEGORY		
SYSTEM &	17514	١			BER INSTALL	ED	
SEQUENCE NO.	ITEM			3.1		UIRED FOR DISPATCH	
WELLOW WITH					4. REMARKS	OR EXCEPTIONS	
	ENT/FURNISHINGS		l .	l .	1.		Change
Sequence No.	ltem	1	2	3	4		Bar
13-01 ***	Captain and First Officer Sliding Tables						
1)	Sliding Tables	D	2	0	(M) May be in position or rer	noperative in stowed moved.	
2)	Table Tilt Function	D	2	0	May be inope table can be s	rative provided associated stowed.	
13-02	Captain and First Officer Retractable Foot Rests	С	4	0	(M) May be in position or rer	noperative in retracted moved.	
15-01 ***	Crew Foot Warmers	D	2	0			
21-01	Passenger/ Supernumerary Seat(s)						
1)	A330-200, A330-300	D		-	a) Seat of Emergy b) Seat of passe main a c) The aff and pl "DO N  NOTE 1: A sea belt  NOTE 2: Inop the right flight	erative provided: does not block an gency Exit, does not restrict any nger from access to the aircraft aisle, and ffected seat(s) are blocked acarded IOT OCCUPY".  eat with an inoperative seat is considered inoperative.  perative seats do not affect required number of t attendants.  cted seat(s) may include seat(s) behind and/or incent outboard seats.	
					(Continued)		

U.S. DEPAR	TMENT OF TRANSPORTA	OITA	V		MA OTED MINIMALINA EQUIDMENT LIGT
FEDERAL A	VIATION ADMINISTRATIO	N			MASTER MINIMUM EQUIPMENT LIST
AIRCRAFT:	, A330-200F, A330-300				IO. 17a PAGE NO. 8/15/2017 25-5
A330-200	, 7050-2001 , 7050-500	BABA			
(TACE 1994-1994-14-0-)   02/94/03/1999		_		.E KEY Category	
SYSTEM &	ITEM				BER INSTALLED
SEQUENCE NO.	ITEM			3.1	NUMBER REQUIRED FOR DISPATCH
110.					4. REMARKS OR EXCEPTIONS
	ENT/FURNISHINGS				la l
Sequence No.	Item	1	2	3	4 Chang Bar
21-01	Passenger/ Supernumerary Seat(s) (Cont'd)				
2)	A330-200F	D	-	0	(M) One or more may be inoperative or not used provided the affected seat is secured in its stowed position or removed.
					NOTE: A seat position with an inoperative or missing seatbelt or harness is considered inoperative.
3)	Recline Mechanism	D	-	-	(M) May be inoperative and seat occupied provided seat back is secured in the full upright position.
		D	-	-	May be inoperative and seat occupied provided seat back is immoveable in full upright position.
4)	Underseat Baggage Restraining Bars	С	-	-	<ul> <li>(O) May be inoperative provided: <ul> <li>a) Baggage is not stowed under seat with inoperative restraining bar,</li> <li>b) Associated seat is placarded "DO NOT STOW BAGGAGE UNDER THIS SEAT", and</li> <li>c) Procedures are established to alert cabin crew of inoperative restraining bar.</li> </ul> </li> </ul>
					(Continued)

TMENT OF TRANSPORTA	OITA	N		MASTER MINIMUM EQUIPMENT LIST					
VIATION ADMINISTRATIO	<u>N_</u>			·					
	RE\								
, A330-200F, A330-300	DATE: 08/15/2017 25-6								
	MMEL TABLE KEY  1. REPAIR CATEGORY								
	1. F			IBER INSTALLED					
ITEM		2. 1		NUMBER REQUIRED FOR DISPATCH					
			0	4. REMARKS OR EXCEPTIONS					
ENT/FURNISHINGS									
Item	1	2	3	4 Change Bar					
Passenger/ Supernumerary Seat(s) (Cont'd)				•					
Armrest									
Armrest With Recline Mechanism	D	-	-	<ul> <li>(M) May be inoperative or missing and seat occupied provided: <ul> <li>a) Armrest does not block an Emergency Exit,</li> <li>b) Armrest does not restrict any passenger from access to the main aircraft aisle, and</li> <li>c) If armrest is missing, seat is secured in the upright position.</li> </ul> </li> </ul>					
Armrest Without Recline Mechanism	D	-	-	May be inoperative or missing and seat occupied provided:  a) Armrest does not block an Emergency Exit, and b) Armrest does not restrict any passenger from access to the main aircraft aisle.					
Takeoff, Taxi, and Landing (TTL) Light (With STC No. ST11686SE-T)	С	-	-	(O) May be inoperative and seat occupied provided alternate procedures are established and used.					
	Armrest Without Recline Mechanism  Takeoff, Taxi, and Landing (TTL) Light (With STC	A330-200F, A330-300    MMI	A330-200F, A330-300    MMEL T	A330-200F, A330-300    REVISION N DATE: 0					

AIRCRAFT: A330-200, A33  SYSTEM & SEQUENCE NO.  25. EQUIPMENT/ Sequence No. Item  22-01 Flig Ass (Sil		RE\	DAT EL T REPA	ABL AIR ( NUM 3. N	IO. 17a PAGE NO. 8/15/2017 25-7  E KEY CATEGORY BER INSTALLED NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS							
SYSTEM & SEQUENCE NO.  25. EQUIPMENT/ Sequence No. Item  22-01 Flig Ass (Sil	ITEM  /FURNISHINGS  ght Attendant Seat sembly	MMI 1. F	EL T REPA 2. N	ABL AIR ( NUM 3. N	8/15/2017 25-7  E KEY CATEGORY BER INSTALLED NUMBER REQUIRED FOR DISPATCH							
SEQUENCE NO.  25. EQUIPMENT/ Sequence No. Item  22-01 Flig Ass (Sil	TFURNISHINGS  ght Attendant Seat sembly	1. F	2. N	AIR ( NUM 3. N	CATEGORY BER INSTALLED NUMBER REQUIRED FOR DISPATCH							
SEQUENCE NO.  25. EQUIPMENT/ Sequence No. Item  22-01 Flig Ass (Sil	TFURNISHINGS  ght Attendant Seat sembly	1	2.1	3. N	BER INSTALLED NUMBER REQUIRED FOR DISPATCH							
Sequence No. Item  22-01 Flig Ass (Sil	ght Attendant Seat sembly		2 -	2								
22-01 Flig Ass (Sin	ght Attendant Seat sembly		2									
Ass (Sir	sembly	С	-		Dai							
Atte				0	<ul> <li>(O) May be missing or inoperative provided:</li> <li>a) No passengers are carried,</li> <li>b) A maximum of 19 persons are carried as authorized by 14 CFR for non-passenger-carrying operation, and</li> <li>c) Alternate procedures are established and used.</li> </ul>							
	quired Flight endant Seats 330-200, A330-300)	В		-	<ul> <li>(M)(O) One seat position or assembly (dual position) may be inoperative provided: <ul> <li>a) Affected seat position or seat assembly is not occupied,</li> <li>b) Flight attendant(s) displaced by inoperative seat(s) occupies either an adjacent flight attendant seat or the passenger seat which is most accessible to the inoperative seat(s) so as to most effectively perform assigned duties,</li> <li>c) Alternate procedures are established and used as published in crewmember manuals,</li> <li>d) Folding type seat stows automatically or is secured in the retracted position, and</li> <li>e) Passenger seat assigned to flight attendant is placarded "FOR FLIGHT ATTENDANT USE ONLY".</li> </ul> </li> </ul>							

U.S. DEPAR	TMENT OF TRANSPORTA	TIOI	N						
FEDERAL A	VIATION ADMINISTRATIO	N			MASTER MINIMUM EQUIPMENT LIST				
AIRCRAFT:					NO. 17a PAGE NO.				
A330-200	, A330-200F, A330-300				08/15/2017 25-8				
			MMEL TABLE KEY  1. REPAIR CATEGORY						
SYSTEM &		1. 1	$\overline{}$	NUMBER INSTALLED					
SEQUENCE NO.	ITEM				NUMBER REQUIRED FOR DISPATCH				
100000000	ENT/FUDNIOUING				4. REMARKS OR EXCEPTIONS				
Sequence No.	ENT/FURNISHINGS	1	2	3	4 Change				
22-01	Flight Attendant Seat	'		3	4 Bar				
1)	Assembly (Single or Dual Position) (Cont'd)  Required Flight								
	Attendant Seats (A330-200, A330-300) (Cont'd)								
					NOTE 1: An automatic folding seat that will not stow automatically is considered inoperative.				
					NOTE 2: A seat position with an inoperative or missing restraint system is considered inoperative.				
					NOTE 3: Individual operators, when operating with inoperative seats, will consider the locations and combinations of seats to ensure that the proximity to exits and distribution requirements of the applicable 14 CFR are met.				
					NOTE 4: If one side of a dual seat assembly is inoperative and a flight attendant is displaced to the adjacent seat, the adjacent seat must operate normally.				
					(Continued)				

	TMENT OF TRANSPORTA		N		MASTE	R MINIMUM EQUIPMENT	LIST
	VIATION ADMINISTRATIO						
AIRCRAFT: A330-200,	, A330-200F, A330-300	RE\			O. 17a 8/15/2017	PAGE NO. 25-9	
		мм	FL T	ΔΒΙ	E KEY		
// // // // // // // // // // // // //					CATEGORY		
SYSTEM &	5.03(90)998				BER INSTALLI	=D	
SEQUENCE	ITEM		1			UIRED FOR DISPATCH	
NO.				0		OR EXCEPTIONS	
25. FQUIPMI	ENT/FURNISHINGS				1.112	01(12)(02) 1101(0	
Sequence No.	Item	1	2	3	4		Change Bar
22-01	Flight Attendant Seat						Dai
22 01	Assembly						
	(Single or Dual Position)						
	(Cont'd)						
	,						
2)	Excess Flight Attendant	С	-	-		operative provided:	
	Seats					ed seat position or seat	
	(A330-200, A330-300)					bly is not occupied, and	
						g type seat stows	
						atically or is secured in the ed position.	
					Tetract	ca position.	
					NOTE 1: An a	utomatic folding seat that	
					will r	not stow automatically is	
					cons	sidered inoperative.	
					NOTE O. A se	at position with an	
						at position with an	
					inop	erative or missing restraint em is considered	
						erative.	
						oran vo.	

AIRCRAFT:	VIATION ADMINISTRATION		VISIO	ON N	IO. 17a	PAGE NO.	
A330-200	, A330-200F, A330-300		DAT	E: 0	E: 08/15/2017 25-10		
		_			E KEY		
SYSTEM &		1. [			CATEGORY		
SEQUENCE	ITEM		2. 1		BER INSTALL		
NO.				3.1		QUIRED FOR DISPATCH S OR EXCEPTIONS	
25 FOLIIDM	ENT/FURNISHINGS				4. KEWAKK	5 OR EXCEPTIONS	
Sequence No.	Item	1	2	3	4		Change
22-03	Non-Essential		-	0	May be inone	erative, damaged, or	Dai
00	Equipment and					ided that the item(s) is	
	Furnishings (NEF)					ccordance with the	
	· ····································					EF deferral program. The	
					•	n, procedures, and	
						e outlined in the operator's	
					(insert name)	) Manual. (M) and (O)	
					procedures, i	if required, must be	
						he flightcrew and included	
					in the operate	or's appropriate document.	
					NOTE: Exter	ior lavatory door ashtrays	
						ot considered NEF items.	
22-05	Exterior Lavatory Door Ashtrays						
1)	Airplanes With More	Α	-	-	Up to and inc	cluding 50% may be	
	Than One Exterior				missing or in	operative for	
	Lavatory Door Ashtray Installed				10 calendar-	days.	
		Α	_	-	More than 50	0% may be missing or	
						or 3 calendar-days.	
					the to	lavatories are included in stal aircraft exterior lavatory ashtray count.	
2)	Airplanes With Only	Α	1	0	May be miss	ing or inoperative for	
_,	One Exterior Lavatory		ļ .		10 calendar-		
	Door Ashtray Installed						
	·						

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			-		MASTER MINIMUM EQUIPMENT LIST				
FEDERAL A AIRCRAFT:	VIATION ADMINISTRATIO		<u>/ SIC</u>	)NI N	NO. 17a PAGE NO.				
	, A330-200F, A330-300	REVISION NO. 17a PAGE NO. 25-11							
		MMEL TABLE KEY							
SYSTEM & SEQUENCE NO.	ITEM	1. F	$\overline{}$	MUŅ	CATEGORY IBER INSTALLED NUMBER REQUIRED FOR DISPATCH				
183593117					4. REMARKS OR EXCEPTIONS				
	ENT/FURNISHINGS	•	•	•					
Sequence No.	Item	1	2	3	4 Change Bar				
22-06	Storage Bins/Cabin, Galley, and Lavatory Storage Compartments/ Closets	C		-	<ul> <li>(M) May be inoperative provided: <ul> <li>a) Procedures are established to secure the affected bin, compartment, or closet in the closed position,</li> <li>b) Affected bin, compartment, or closet is prominently placarded "DO NOT USE",</li> <li>c) Any emergency equipment located in affected compartment is considered inoperative, and</li> <li>d) Affected bin, compartment, or closet is not used for storage of any items except for those permanently affixed.</li> </ul> </li> <li>NOTE: For overhead bins, if no partitions are installed, the entire overhead bin is considered inoperative.</li> </ul>				

AIRCRAFT:	VIATION ADMINISTRATIO				NO. 17a PAGE NO.
A330-200	, A330-200F, A330-300		DAT	E: 0	25-12 25-12 25-12 25-12 25-12 25-12 25-12 25-12 25-12 25-12 25-12 25-12 25-12
					LE KEY CATEGORY
SYSTEM & SEQUENCE NO.	ITEM	1.1		NUM	IBER INSTALLED NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS
25. EQUIPM	ENT/FURNISHINGS				
Sequence No.	Item	1	2	3	4 Chan Ba
22-06	Storage Bins/Cabin, Galley, and Lavatory Storage Compartments/ Closets (Cont'd)	С	-	-	<ul> <li>(M)(O) May be inoperative provided: <ul> <li>a) For non-retractable doors, affected door is removed,</li> <li>b) For retractable doors, affected door is removed or secured in the retracted (fully open) position,</li> <li>c) Affected bin, compartment, or closet is not used for storage of any items except those permanently affixed,</li> <li>d) Affected bin, compartment, or closet is prominently placarded "DO NOT USE",</li> <li>e) Procedures are established and used to alert crewmembers and passengers of inoperative bins, compartments, or closets and</li> <li>f) Passengers are briefed that affected bin, compartment or closet is not used.</li> </ul> </li> <li>NOTE 1: For overhead bins, if no partitions are installed, the entire overhead bin is considered inoperative.</li> <li>NOTE 2: Any emergency equipment located in affected bin, compartment, or closet (permanently affixed) is available for use.</li> </ul>
1)	Storage Compartment Key Locks	D	-	0	(M) May be inoperative in the unlocked position provided doors can be secured by other means.
27-01	Heating Function of Heated Floor Panels (Passenger/Crew Doors, Emergency Exits, and Galley Areas)	D	-	0	(M) May be inoperative provided the heating elements of the affected area heated floor panel are deactivated.

	VIATION ADMINISTRATION		//014	21.1	MASTER MINIMUM EQUIPMENT LIST  NO. 17a PAGE NO.			
AIRCRAFT: A330-200	, A330-200F, A330-300	KE	REVISION NO. 17a PAGE NO. 25-13					
		ММ	EL T	ABL	E KEY			
SYSTEM & SEQUENCE NO.	ITEM ENT/FURNISHINGS	1. F	$\overline{}$	MUŅ	CATEGORY IBER INSTALLED NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS			
Sequence No.	Item	1	2	3	4 Change Bar			
45-01	Galley/Cabin Waste Receptacles Access Doors/Covers	С	-	-	(M)(O) May be inoperative provided:  a) The container is empty and the access is secured to prevent waste introduction into the compartment, and  b) Procedures are established to ensure that sufficient galley/cabin waste receptacles are available to accommodate all waste that may be generated on a flight.			
45-02	Lavatory Waste Receptacle Access Doors/Covers/Flapper Doors	C			<ul> <li>(M) May be inoperative provided: <ul> <li>a) Associated waste container is empty,</li> <li>b) Affected receptacle access door/cover/flapper door is secured to prevent waste introduction into the receptacle,</li> <li>c) Lavatory is used only by crewmembers, and</li> <li>d) Lavatory door is locked closed and placarded "INOPERATIVE – DO NOT ENTER".</li> </ul> </li> <li>NOTE: These provisos are not intended to prohibit lavatory use or inspections by crewmembers.</li> </ul>			

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					MASTER MINIMUM EQUIPMENT LIST
AIRCRAFT:	VIATION ADMINISTRATION		/ISIC	N NC	NO. 17a PAGE NO.
	, A330-200F, A330-300		08/15/2017 25-14		
		ММ	EL T	ABL	LE KEY
SYSTEM &		1. F			CATEGORY
SEQUENCE	ITEM		2.1	_	MBER INSTALLED NUMBER REQUIRED FOR DISPATCH
NO.				3.1	4. REMARKS OR EXCEPTIONS
25. EQUIPM	ENT/FURNISHINGS			1	
Sequence No.	Item	1	2	3	4 Change Bar
50-01	Blow In/Out Panels in Cargo Compartments	С	-	-	May be damaged or missing provided procedures are established and used to ensure the associated compartment remains empty or is verified to contain only empty cargo handling equipment, ballast (ballast may be loaded in ULDs), and/or Fly Away Kits.  NOTE: Operator MELs must define which items are approved for inclusion in the Fly Away Kits and which materials can be used as ballast.
50-02	Lining Panels in Cargo Compartments	С	-	-	May be damaged provided procedures are established and used to ensure the associated compartment remains empty or is verified to contain only empty cargo handling equipment, ballast (ballast may be loaded in ULDs), and/or Fly Away Kits.  NOTE: Operator MELs must define which items are approved for inclusion in the Fly Away Kits
		С	-	-	and which materials can be used as ballast.  May be missing provided associated cargo compartment remains empty.

AIRCRAFT:	VIATION ADMINISTRATIO , A330-200F, A330-300	REVISION NO. 17a PAGE NO. DATE: 08/15/2017 25-15								
A330-200	, 7050-2001 , 7050-300	MMEL TABLE KEY								
SYSTEM & SEQUENCE NO.	ITEM ENT/FURNISHINGS		REP/	AIR (	CATEGORY BER INSTALLE NUMBER REQU	ED JIRED FOR DISPATCH OR EXCEPTIONS				
Sequence No.	Item	1	2	3	4		Chang			
51-01	Lower Deck Cargo Loading System (CLS)									
1)	Cargo Restraint Components	A	-	-	provided:  a) Accept from ar (i.e., ar Manua Docum b) Repairs comple mainte	cable cargo loading limits in approved source in Approved Cargo Loading limits or Weight and Balance nent) are observed, and is are made prior to the etion of the next heavy mance visit.				
2)	Loading Systems	С	-	0		rative or missing provided tment remains empty.				
						art of the CLS that es normally may be used.				

II S DEDAD	TMENT OF TRANSPORTA	\TIOI	NI.							
U.S. DEPAR	TIMENT OF TRANSPORTA	11101	N		MASTER MINIMUM EQUIPMENT LIST					
	VIATION ADMINISTRATIO		//01/	201.01	IO 47-					
AIRCRAFT: A330-200	, A330-200F, A330-300	KE			IO. 17a PAGE NO. 8/15/2017 25-16					
		MMEL TABLE KEY								
SYSTEM &		_			CATEGORY					
SEQUENCE	ITEM		2. 1		BER INSTALLED					
NO.				3.1	NUMBER REQUIRED FOR DISPATCH					
25 FOLLIDM	ENT/FURNISHINGS				4. REMARKS OR EXCEPTIONS					
Sequence No.	Item	1	2	3	4 Change Bar					
51-02	Main Deck Cargo				· Bar					
0.02	Loading Systems									
1)	Cargo Restraint Components	A	-	-	<ul> <li>(M) May be inoperative or missing provided:</li> <li>a) Acceptable cargo loading limits from an approved source (i.e., an Approved Cargo Loading Manual or Weight and Balance Document) are observed, and</li> <li>b) Repairs are made prior to the completion of the next heavy maintenance visit.</li> </ul>					
		С	-	-	May be inoperative or missing provided the main deck cargo compartment remains empty.					
2)	Cargo Loading System	С	-	-						
					NOTE: Any part of the cargo loading system that operates normally may be used.					
55-01	Main Deck Cargo Compartment Door and Sidewall Lining	С	-	-	May be damaged provided ULDs are utilized to contain all cargo loaded in or passing through the affected loading zone(s).					
		С	-	-	May be missing provided main deck cargo compartment remains empty.					

55-02 Main Deck Cargo Compartment Window Protection Cover  C 4 0 One or more may be damaged or missing provided main deck cargo compartment is empty or does not contain flammable or combustible materials.  55-03 Partition Lining at the Aft Main Deck Cargo Compartment  60-01 SLIDE Indications on ECAM DOOR/OXY Page  1) A330-200, A330-300 C 8 0 (O) May be inoperative provided alternate procedures are established and used.  2) A330-200F C 2 0 (O) May be inoperative provided alternate procedures are established and used.  60-07 "Fasten Seat Belt While Seated" Signs or Placards  C - One or more signs or placards may be illegible or missing provided a legible sign or placard is visible from each occupied passenger seat.  Deleted, Revision 9. (Moved to item 23-73-02 5), Slide Bottle Pressure	AIRCRAFT:	VIATION ADMINISTRATIO		VISIO	ON N	IO. 17a PAGE NO.				
SYSTEM & SEQUENCE NO.  ITEM  I	A330-200,	A330-200F, A330-300		DAT	E: 0	8/15/2017 25-17				
SPSTEM & SEQUENCE NO.  ITEM NO.  25. EQUIPMENT/FURNISHINGS  Sequence No. Item 1 2 3 4			_							
3. NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS  25. EQUIPMENT/FURNISHINGS  36. Number Required For Dispatch 4. REMARKS OR EXCEPTIONS  25. EQUIPMENT/FURNISHINGS  36. Number Required For Dispatch 4. REMARKS OR EXCEPTIONS  26. Sequence No.   Item	SYSTEM &		1. F							
25. EQUIPMENT/FURNISHINGS  Sequence No. Item 1 2 3 4	SEQUENCE	ITEM		2.1						
25. EQUIPMENT/FURNISHINGS  Sequence No.   Item	NO.				3.1					
Sequence No.   Item	25. FQUIPMI	FNT/FURNISHINGS		<u> </u>		4. NEMANNO ON EXCELLIONS				
55-02 Main Deck Cargo Compartment Window Protection Cover  C	Sequence No.	1	1	2	3	4	Chang			
Compartment Window Protection Cover  Compartment Window Protection Cover  State Partition Lining at the Aft Main Deck Cargo Compartment is empty or does not contain flammable or combustible materials.  Compartment Partition Lining at the Aft Main Deck Cargo Compartment  Compartment  Compartment Partition Lining at the Aft Main Deck Cargo Compartment Partition Provided Main deck cargo compartment remains empty.  Compartment Partition Lining at the Aft Main Deck Cargo Compartment Provided Main deck cargo compartment remains empty.  Compartment Partition Lining at the Aft Main Deck Cargo Compartment is empty or does not contain flammable or combustible materials.  Compartment Partition Provided Main deck cargo compartment remains empty.  Compartment Partition Provided Main deck cargo compartment is empty or does not contain flammable or combustible materials.  Compartment Sempty or does not contain flammable or combustible materials.  Compartment is empty or does not contain flammable or combustible materials.  Compartment Sempty or does not contain flammable or combustible materials.  Compartment Sempty or does not contain flammable or combustible materials.  Compartment Sempty or does not contain flammable or combustible materials.  Compartment Sempty or does not contain flammable or combustible materials.  Compartment is empty or does not contain flammable or combustible materials.  Compartment Sempty or does not contain flammable or combustible materials.  Compartment Sempty or does not contain flammable or combustible materials.  Compartment Sempty or does not contain flammable or combustible materials.  Compartment is empty or does not contain flammable or combustible materials.  Compartment is empty or does not contain flammable or combustible materials.  Compartment is empty or does not contain flammable or combustions.		Main Deck Cargo	С	4	0	One or more may be damaged or	Dai			
Compartment is empty or does not contain flammable or combustible materials.  Partition Lining at the Aft Main Deck Cargo Compartment  SLIDE Indications on ECAM DOOR/OXY Page  1) A330-200, A330-300  C 8 0 (O) May be inoperative provided alternate procedures are established and used.  2) A330-200F  C 2 0 (O) May be inoperative provided alternate procedures are established and used.  60-07  "Fasten Seat Belt While Seated" Signs or Placards  Placards  C One or more signs or placards may be illegible or missing provided a legible sign or placard is visible from each occupied passenger seat.  Deleted, Revision 9. (Moved to item 23-73-02 5), Slide Bottle Pressure	<b>55 5</b> 2			•						
materials.  May be damaged or missing provided main deck cargo compartment remains empty.  SLIDE Indications on ECAM DOOR/OXY Page  1) A330-200, A330-300  C 8 0 (O) May be inoperative provided alternate procedures are established and used.  2) A330-200F  C 2 0 (O) May be inoperative provided alternate procedures are established and used.  60-07  "Fasten Seat Belt While Seated" Signs or Placards  C - One or more signs or placards may be illegible or missing provided a legible sign or placard is visible from each occupied passenger seat.  Deleted, Revision 9. (Moved to item 23-73-02 5), Slide Bottle Pressure										
For the partition Lining at the Aft Main Deck Cargo Compartment  C						contain flammable or combustible				
Aft Main Deck Cargo Compartment  BLIDE Indications on ECAM DOOR/OXY Page  1) A330-200, A330-300  C 8 0 (O) May be inoperative provided alternate procedures are established and used.  2) A330-200F  C 2 0 (O) May be inoperative provided alternate procedures are established and used.  60-07  "Fasten Seat Belt While Seated" Signs or Placards  Placards  C - One or more signs or placards may be illegible or missing provided a legible sign or placard is visible from each occupied passenger seat.  Deleted, Revision 9. (Moved to item 23-73-02 5), Slide Bottle Pressure						materials.				
Aft Main Deck Cargo Compartment  BLIDE Indications on ECAM DOOR/OXY Page  1) A330-200, A330-300  C 8 0 (O) May be inoperative provided alternate procedures are established and used.  2) A330-200F  C 2 0 (O) May be inoperative provided alternate procedures are established and used.  60-07  "Fasten Seat Belt While Seated" Signs or Placards  Placards  C - One or more signs or placards may be illegible or missing provided a legible sign or placard is visible from each occupied passenger seat.  Deleted, Revision 9. (Moved to item 23-73-02 5), Slide Bottle Pressure	55-03	Partition Lining at the	С	1	0	May be damaged or missing provided				
Compartment  SLIDE Indications on ECAM DOOR/OXY Page  1) A330-200, A330-300 C 8 0 (O) May be inoperative provided alternate procedures are established and used.  2) A330-200F C 2 0 (O) May be inoperative provided alternate procedures are established and used.  60-07 "Fasten Seat Belt While Seated" Signs or Placards  Placards  C - One or more signs or placards may be illegible or missing provided a legible sign or placard is visible from each occupied passenger seat.  Deleted, Revision 9. (Moved to item 23-73-02 5), Slide Bottle Pressure										
ECAM DOOR/OXY Page  1) A330-200, A330-300  C 8 0 (O) May be inoperative provided alternate procedures are established and used.  2) A330-200F  C 2 0 (O) May be inoperative provided alternate procedures are established and used.  60-07  "Fasten Seat Belt While Seated" Signs or Placards  Placards  C - One or more signs or placards may be illegible or missing provided a legible sign or placard is visible from each occupied passenger seat.  Deleted, Revision 9. (Moved to item 23-73-02 5), Slide Bottle Pressure		Compartment				empty.				
ECAM DOOR/OXY Page  1) A330-200, A330-300  C 8 0 (O) May be inoperative provided alternate procedures are established and used.  2) A330-200F  C 2 0 (O) May be inoperative provided alternate procedures are established and used.  60-07 "Fasten Seat Belt While Seated" Signs or Placards  Placards  C - One or more signs or placards may be illegible or missing provided a legible sign or placard is visible from each occupied passenger seat.  Deleted, Revision 9. (Moved to item 23-73-02 5), Slide Bottle Pressure	60-01	SLIDE Indications on								
1) A330-200, A330-300 C 8 0 (O) May be inoperative provided alternate procedures are established and used.  2) A330-200F C 2 0 (O) May be inoperative provided alternate procedures are established and used.  60-07 "Fasten Seat Belt While Seated" Signs or Placards  C - One or more signs or placards may be illegible or missing provided a legible sign or placard is visible from each occupied passenger seat.  62-01 Cabin Escape Facilities  Deleted, Revision 9. (Moved to item 23-73-02 5), Slide Bottle Pressure	00-01									
alternate procedures are established and used.  2) A330-200F  C 2 0 (O) May be inoperative provided alternate procedures are established and used.  60-07 "Fasten Seat Belt While Seated" Signs or Placards or placards may be illegible or missing provided a legible sign or placard is visible from each occupied passenger seat.  62-01 Cabin Escape Facilities  alternate procedures are established and used.  - One or more signs or placards may be illegible or missing provided a legible sign or placard is visible from each occupied passenger seat.  Deleted, Revision 9. (Moved to item 23-73-02 5), Slide Bottle Pressure										
alternate procedures are established and used.  2) A330-200F  C 2 0 (O) May be inoperative provided alternate procedures are established and used.  60-07 "Fasten Seat Belt While Seated" Signs or Placards  C - One or more signs or placards may be illegible or missing provided a legible sign or placard is visible from each occupied passenger seat.  62-01 Cabin Escape Facilities  Deleted, Revision 9. (Moved to item 23-73-02 5), Slide Bottle Pressure	4)	A220 200 A220 200			_	(O) May be incorrective provided				
and used.  2) A330-200F  C 2 0 (O) May be inoperative provided alternate procedures are established and used.  60-07  "Fasten Seat Belt While Seated" Signs or Placards  Placards  C - One or more signs or placards may be illegible or missing provided a legible sign or placard is visible from each occupied passenger seat.  Deleted, Revision 9. (Moved to item 23-73-02 5), Slide Bottle Pressure	1)	A330-200, A330-300	C	8	U					
<ul> <li>A330-200F</li> <li>C 2 0 (O) May be inoperative provided alternate procedures are established and used.</li> <li>"Fasten Seat Belt While Seated" Signs or Placards</li> <li>C - One or more signs or placards may be illegible or missing provided a legible sign or placard is visible from each occupied passenger seat.</li> <li>Deleted, Revision 9. (Moved to item 23-73-02 5), Slide Bottle Pressure</li> </ul>						<u> </u>				
<ul> <li>alternate procedures are established and used.</li> <li>"Fasten Seat Belt While Seated" Signs or Placards</li> <li>Done or more signs or placards may be illegible or missing provided a legible sign or placard is visible from each occupied passenger seat.</li> <li>Deleted, Revision 9. (Moved to item 23-73-02 5), Slide Bottle Pressure</li> </ul>										
<ul> <li>"Fasten Seat Belt While Seated" Signs or Placards</li> <li>C - One or more signs or placards may be illegible or missing provided a legible sign or placard is visible from each occupied passenger seat.</li> <li>Deleted, Revision 9. (Moved to item 23-73-02 5), Slide Bottle Pressure</li> </ul>	2)	A330-200F	С	2	0					
<ul> <li>"Fasten Seat Belt While Seated" Signs or Placards</li> <li>C - One or more signs or placards may be illegible or missing provided a legible sign or placard is visible from each occupied passenger seat.</li> <li>Deleted, Revision 9. (Moved to item 23-73-02 5), Slide Bottle Pressure</li> </ul>										
Seated" Signs or Placards  illegible or missing provided a legible sign or placard is visible from each occupied passenger seat.  Deleted, Revision 9. (Moved to item 23-73-02 5), Slide Bottle Pressure						and used.				
Placards sign or placard is visible from each occupied passenger seat.  Cabin Escape Facilities Deleted, Revision 9. (Moved to item 23-73-02 5), Slide Bottle Pressure	60-07	"Fasten Seat Belt While	С	_	-	One or more signs or placards may be				
occupied passenger seat.  Cabin Escape Facilities  Deleted, Revision 9. (Moved to item 23-73-02 5), Slide Bottle Pressure		Seated" Signs or				illegible or missing provided a legible				
62-01 Cabin Escape Facilities Deleted, Revision 9. (Moved to item 23-73-02 5), Slide Bottle Pressure						sign or placard is visible from each				
item 23-73-02 5), Slide Bottle Pressure						occupied passenger seat.				
item 23-73-02 5), Slide Bottle Pressure	62-01	Cabin Escape Facilities				Deleted, Revision 9. (Moved to				
		·				· ·	- 1			
Indication on FAP.)						Indication on FAP.)	j			

	TMENT OF TRANSPORT		-		MASTER MINIMUM EQUIPMENT LIST
AIRCRAFT:	VIATION ADMINISTRATIO		VISIO	A NC	NO. 17a PAGE NO.
	, A330-200F, A330-300				08/15/2017 25-18
		ММ	EL T	ABL	LE KEY
SYSTEM &		1. F	$\overline{}$		CATEGORY MBER INSTALLED
SEQUENCE	ITEM				NUMBER REQUIRED FOR DISPATCH
NO.				0000	4. REMARKS OR EXCEPTIONS
25. EQUIPM	ENT/FURNISHINGS				
Sequence No.	Item	1	2	3	4 Chang Bar
65-01	Miscellaneous Emergency Equipment				
1)	Megaphones	D	-	-	Any in excess of those required by 14 CFR may be inoperative or missing provided:  a) Inoperative megaphone is removed from passenger cabin, b) Associated placard is removed or obscured, and c) Required distribution is maintained.
		С		0	<ul> <li>(O) May be missing or inoperative provided:</li> <li>a) No passengers are carried,</li> <li>b) A maximum of 19 persons are carried as authorized by 14 CFR for non-passenger-carrying operation, and</li> <li>c) Alternate procedures are established and used.</li> </ul>
					NOTE: Not required for all-cargo operations.
2)	Flashlight and Holders (Flight Deck or Cabin)	С	-	-	May be inoperative or missing provided crewmember assigned to associated seat has a flashlight with equivalent characteristics readily available.
		С	-	0	<ul> <li>(O) May be missing or inoperative provided: <ul> <li>a) No passengers are carried,</li> <li>b) A maximum of 19 persons are carried as authorized by 14 CFR for non-passenger-carrying operation, and</li> <li>c) Alternate procedures are established and used.</li> </ul> </li> </ul>
					(Continued)

AIRCRAFT:	VIATION ADMINISTRATIO		VISIO	N NC	IO. 17a	PAGE NO.	
	, A330-200F, A330-300				8/15/2017	25-19	
		_			E KEY		
SYSTEM & SEQUENCE NO.	ITEM	1. F	$\overline{}$	NUM		ED UIRED FOR DISPATCH OR EXCEPTIONS	
25. EQUIPM	ENT/FURNISHINGS				1		
Sequence No.	Item	1	2	3	4		Change Bar
3) ****	Miscellaneous Emergency Equipment (Cont'd) Emergency Locator						
***	Transmitter						
a)	Survival Type ELTs	D	-	-		s of those required by be inoperative or missing.	
b)	Fixed ELTs	A	-	0	a) Syster b) Repair	noperative provided: m is deactivated, and rs are made within endar-days.	
		A	-	0		ng provided repairs are 00 calendar-days.	
		D	-	-		cess of those required by be inoperative provided activated.	
		D	-	-	Any in excess	s of those required by be missing.	
4)	First Aid Kit (FAK) and/or Associated Equipment	A	-	-	14 CFR, only kits may be in inoperative pr a) FAK is will ide canno service b) Repair	an one is required by one of the required first aid accomplete, missing, or rovided: a resealed in a manner that entify it as a unit that to be mistaken for a fully eable unit, and rs or replacements are within one flight.	
		D	-	-	•	s of those required by be incomplete, missing, or	

<u>FEDERAL A</u> AIRCRAFT:	VIATION ADMINISTRATIO		/ SIC	)NI N	O. 17a PAGE NO.	
	, A330-200F, A330-300				8/15/2017 25-20	
		MM	EL T	ABL	E KEY	
SYSTEM & SEQUENCE NO.	ITEM	1. F		NUM	CATEGORY BER INSTALLED NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS	
	ENT/FURNISHINGS	T 4	_	-		Chan
Sequence No.	N. A. A. H. A.	1	2	3	4	Ba
65-01	Miscellaneous Emergency Equipment (Cont'd)					
5)	Emergency Medical Kit (EMK) and/or Associated Equipment	A	-	0	<ul> <li>(O) May be incomplete, missing, or inoperative provided:</li> <li>a) EMK is resealed in a manner that will identify it as a unit that cannot be mistaken for a fully serviceable unit, and</li> <li>b) Repairs or replacements are made within one flight.</li> </ul>	
		D	-	-	Any in excess of those required by 14 CFR may be incomplete, missing, or inoperative.	
6)	Automatic External Defibrillator (AED) and/or Associated Equipment	A	-	0	<ul> <li>(O) May be incomplete, missing, or inoperative provided:</li> <li>a) AED is resealed in a manner that will identify it as a unit that cannot be mistaken for a fully serviceable unit, and</li> <li>b) Repairs or replacements are made within one flight.</li> </ul>	
		D	-	-	Any in excess of those required by 14 CFR may be incomplete, missing, or inoperative.	
7)	Crash Axe/Crow Bar	D	-	-	Any in excess of those required by 14 CFR may be inoperative or missing.	
8)	Survival Kit	D	-	-	Any in excess of those required by 14 CFR may be incomplete, missing, or inoperative.	
9) ***	Fireproof Gloves	D	-	0		
66-01	Floatation Equipment (Crew and Passenger)	D	-	-	Any in excess of that required by 14 CFR may be inoperative or missing.	

AIRCRAFT:	VIATION ADMINISTRATIO , A330-200F, A330-300				IO. 17a 8/15/2017	PAGE NO. 25-21	
A330-200	, A330-200F, A330-300					23-21	
SYSTEM & SEQUENCE	ITEM	_	REP	AIR (	<b>.E KEY</b> CATEGORY IBER INSTALLI	ED	
NO.				3. I		UIRED FOR DISPATCH OR EXCEPTIONS	
	ENT/FURNISHINGS	1	ı	1	1		Change
Sequence No.	Item	1	2	3	4		Bar
74-01 ***	Flightcrew Rest Compartment	С	1	0	do not require	rative provided procedures its use and the flightcrew nent is placarded	
1)	Bed Bunks	С	-	0		rative provided operations do not require its use.	
2)	Door	С	1	0	(M) May be in door is deacti	operative provided the vated closed.	
74-02 ***	Flightcrew Rest Compartment (With STC No. ST02193SE)						
1)	Bed Bunk	С	1	0	do not require	rative provided procedures its use and the flightcrew nent is placarded	
2)	Curtain	С	1	0	curtain is rem	operative provided the oved or stowed open and rest compartment is perative.	
75-01 ***	Lower Deck Cabin Crew Rest Compartment (A330-200, A330-300)	D	1	0	do not require	rative provided procedures its use and the flightcrew nent is placarded	
1)	Bed Bunks	D	-	0		rative provided operations do not require its use.	
2)	Blow In/Out Panel	D	1	0		ged or missing provided ompartment is locked ot used.	
3)	Door	D	1	0	(M) May be in door is deacti	operative provided the vated closed.	

U.S. DEPAR	TMENT OF TRANSPORT	OITA	V		
FEDERAL A	VIATION ADMINISTRATION	NC			MASTER MINIMUM EQUIPMENT LIST
AIRCRAFT:	VIXTICIA ADMINIOTA (TIX		VISIO	N NC	O. 17a PAGE NO.
A330-200	, A330-200F, A330-300		DAT	E: 0	8/15/2017 25-22
					E KEY
SYSTEM &		1. F			CATEGORY
SEQUENCE	ITEM		2. 1		BER INSTALLED NUMBER REQUIRED FOR DISPATCH
NO.				J. 1	4. REMARKS OR EXCEPTIONS
25. EQUIPM	ENT/FURNISHINGS			1	
Sequence No.	Item	1	2	3	4 Chang Bar
75-02	Bulk Crew Rest Compartment (With STC No. ST11686SE-T)	D	1	0	(M)(O) May be inoperative provided:  a) The bulk crew rest compartment is locked closed and not used, and  b) Procedures do not require its use.
1)	Bed Bunk	D	8	0	<ul> <li>(M)(O) May be inoperative provided:</li> <li>a) The bulk crew rest compartment is locked closed and not used, and</li> <li>b) Procedures do not require its use.</li> </ul>
		D	8	-	<ul> <li>(M)(O) Individual bed bunk(s) may be inoperative provided:</li> <li>a) The associated bed bunk(s) is placarded "DO NOT USE", and</li> <li>b) Procedures do not require its use.</li> </ul>
2)	Seat	С	2	0	(M) May be inoperative provided the seat is placarded "DO NOT USE".
		D	2	0	<ul> <li>(M)(O) May be inoperative provided:</li> <li>a) The bulk crew rest compartment is locked closed and not used, and</li> <li>b) Procedures do not require its use.</li> </ul>
3)	Bench	С	1	0	(M) May be inoperative provided the seat is placarded "DO NOT USE".
		D	2	0	<ul> <li>(M)(O) May be inoperative provided:</li> <li>a) The bulk crew rest compartment is locked closed and not used, and</li> <li>b) Procedures do not require its use.</li> </ul>
					(Continued)

U.S. DEPAR	TMENT OF TRANSPORT	ATIO	N		
FEDFRAL A	VIATION ADMINISTRATION	ON			MASTER MINIMUM EQUIPMENT LIST
AIRCRAFT:					O. 17a PAGE NO.
A330-200	, A330-200F, A330-300		DAT	E: 0	8/15/2017 25-23
					E KEY
SYSTEM &		1.1	$\overline{}$		DATEGORY BER INSTALLED
SEQUENCE	ITEM		2.1		NUMBER REQUIRED FOR DISPATCH
NO.				0000	4. REMARKS OR EXCEPTIONS
25. EQUIPM	ENT/FURNISHINGS				
Sequence No.	Item	1	2	3	4 Change Bar
75-02	Bulk Crew Rest Compartment (With STC No. ST11686SE-T) (Cont'd)				
4)	Vestibule Door/Lock	D	1	0	<ul> <li>(M)(O) May be inoperative provided:</li> <li>a) The bulk crew rest compartment is locked closed and not used, and</li> <li>b) Procedures do not require its use.</li> </ul>
5)	Entry Hatch	D	1	0	<ul> <li>(M)(O) May be inoperative provided:</li> <li>a) The bulk crew rest compartment is locked closed and not used, and</li> <li>b) Procedures do not require its use.</li> </ul>
6)	Escape Hatch	D	1	0	<ul> <li>(M)(O) May be inoperative provided:</li> <li>a) The escape hatch is secured closed,</li> <li>b) The bulk crew rest compartment is locked closed and not used, and</li> <li>c) Procedures do not require its use.</li> </ul>
75-03 ***	Lower Deck Mobile Crew Rest (With STC No. ST22440SE)	D	1	0	<ul> <li>(M)(O) May be inoperative provided:</li> <li>a) The Lower Deck Mobile Crew</li> <li>Rest is locked closed and</li> <li>not used, and</li> <li>b) Procedures do not require its</li> <li>use.</li> </ul>
1)	Bed Bunk(s)	D	6	0	<ul> <li>(M)(O) May be inoperative provided:</li> <li>a) The Lower Deck Mobile Crew</li> <li>Rest is locked closed and</li> <li>not used, and</li> <li>b) Procedures do not require its</li> <li>use.</li> </ul>
					(Continued)

FEDERAL A	VIATION ADMINISTRATION	ON			MASTER MINIMUM EQUIPMENT LIST
AIRCRAFT:	A220 200E A220 200	RE\			IO. 17a PAGE NO. 8/15/2017 25-24
A330-200	, A330-200F, A330-300				
					.E KEY Category
SYSTEM &					BER INSTALLED
SEQUENCE NO.	ITEM			3. 1	NUMBER REQUIRED FOR DISPATCH
NO.				10.000	4. REMARKS OR EXCEPTIONS
	ENT/FURNISHINGS	1			
Sequence No.	Item	1	2	3	4 Chang Bar
75-03 ***	Lower Deck Mobile Crew Rest (With STC No. ST22440SE) (Cont'd)				
1)	Bed Bunk(s) (Cont'd)	D	6	-	<ul> <li>(M)(O) Individual bed bunk(s) may be inoperative provided:</li> <li>a) The associated bed bunk(s) is placarded "DO NOT USE", and</li> <li>b) Procedures do not require its use.</li> </ul>
2)	Pilot Bunk Curtain	С	1	0	May be inoperative provided Pilot Area Curtain is operative.
3)	Pilot Area Curtain	С	1	0	May be inoperative provided Pilot Bunk Curtain is operative.
4)	Bench	С	1	0	May be inoperative provided Bench is placarded "DO NOT USE".
5)	Vestibule Door/Lock	D	1	0	(M)(O) May be inoperative provided:  a) The Lower Deck Mobile Crew Rest is locked closed and not used, and b) Procedures do not require its use.
6)	Blow In/Out Panel	D	1	0	(M)(O) May be damaged or missing provided the Lower Deck Mobile Crew Rest is locked closed and not used.
7)	Entry Hatch	D	1	0	(M)(O) May be inoperative provided:  a) The Lower Deck Mobile Crew Rest is locked closed and not used, and b) Procedures do not require its use.
					(Continued)

	TMENT OF TRANSPORTA		N		MASTE	R MINIMUM EQUIPMENT	LIST
AIRCRAFT:	/IATION ADMINISTRATIO		/1010	N 1 N	O. 17a	PAGE NO.	
	A330-200F, A330-300	KE			0. 17a 8/15/2017	25-25	
7.000 _00,		BABA					
		_			E KEY CATEGORY		
SYSTEM &		1. 1			BER INSTALL	FD	
SEQUENCE	ITEM		۲. ۱			UIRED FOR DISPATCH	
NO.						OR EXCEPTIONS	
25. EQUIPME	ENT/FURNISHINGS				'		
Sequence No.	Item	1	2	3	4		Change Bar
75-03 ***	Lower Deck Mobile Crew Rest (With STC No. ST22440SE) (Cont'd)						
8)	Escape Hatch	D	1	0	a) The Eclosed b) The Lo Rest is used,	ower Deck Mobile Crew s locked closed and not	
76-01	Wheelchair Accessible Lavatory				Deleted, Revi	sion 14.	

	AVIATION ADMINISTRATION		= -			
AIRCRAFT: A330-200	0, A330-200F, A330-300	RE\			O. 17a PAGE NO. 3/15/2017 26-1	
		мм	EL T	ABL	E KEY	
SYSTEM & SEQUENCE NO.		_	REP	AIR ( NUM	CATEGORY BER INSTALLED NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS	
Sequence No.	ROTECTION Item	1	2	3	4	Chang
01-04	Passenger Entertainment Overhead Panel	'	2	3	<u>*</u>	Bar
1) ***	BULK AVNCS pb-sw OFF Light	D	1	0		
<b>2)</b> ***	BULK AVNCS pb-sw SMOKE Light	D	1	0		
3) ***	IFEC pb-sw OFF Light	D	1	0		
<b>4)</b> ***	IFEC pb-sw SMOKE Light	D	1	0		
5) ***	PAX BBAND pb-sw OFF Light	D	1	0		
6) ***	PAX BBAND pb-sw SMOKE Light	D	1	0		
<b>7)</b> ***	PAX SYS pb-sw OFF Light	D	1	0		
8) ***	PAX SYS pb-sw SMOKE Light	D	1	0		
9) ***	VCC SYS pb-sw OFF Light	D	1	0		
10) ***	VCC SYS pb-sw SMOKE Light	D	1	0		
12-01	Engine Fire Detection System					
1)	Loops	С	4	2	(O) Except for ER operations beyond 120 minutes, one on each engine may be inoperative provided engine fire test is performed before each departure.	
12-02	FIRE Light on ENG MASTER Panel	С	2	0		

FEDERAL A	VIATION ADMINISTRATIO	N			MASTER MINIMUM EQUIPMENT	LIST
AIRCRAFT:	VIATION ADMINISTRATIO		VISIO	N NC	O. 17a PAGE NO.	
	, A330-200F, A330-300				8/15/2017 26-2	
		ММ	EL T	ABL	E KEY	
SYSTEM &		1. F	REP	AIR (	CATEGORY	
SEQUENCE	ITEM		2.1		BER INSTALLED	
NO.				3.1	NUMBER REQUIRED FOR DISPATCH	
26. FIRE PR	OTECTION				4. REMARKS OR EXCEPTIONS	
Sequence No.	Item	1	2	3	4	Chan
12-03	FIRE Light in ENG	'		3	-	Bar
12-03	FIRE/PUSH pb-sw					
1)	Bulbs/LEDs	С	16	8	Four bulbs/LEDs in each push button switch may be inoperative.	
13-01	APU Fire Detection System					
1)	Loops	С	2	1	(O) Except for ER operations beyond 120 minutes, one may be inoperative provided APU fire test is performed before each APU start.	
		С	2	0	May be inoperative provided APU is not used.	
13-02	FIRE Light in APU FIRE/PUSH pb-sw					
1)	Bulbs/LEDs	С	8	4	Four bulbs/LEDs may be inoperative.	
		С	8	0	May be inoperative provided APU is not used.	
13-03	APU Fire Detection Unit	С	1	0	May be inoperative provided APU is not used.	

SYSTEM & SEQUENCE NO.  26. FIRE PROTE Sequence No. Item Inc.			EL T	ABL AIR C	26-3  E KEY  CATEGORY  BER INSTALLED  NUMBER REQUIRED FOR DISPATCH  4. REMARKS OR EXCEPTIONS  4  (O) May be inoperative provided	Chan Bai
SEQUENCE NO.  26. FIRE PROTE Sequence No. Item 16-01 Sin	moke Detector System Lower Deck FWD	1. F	2. N	AIR ONUM  3. N	DATEGORY BER INSTALLED NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS	
26. FIRE PROTE Sequence No. Item 16-01 Sin	moke Detector System Lower Deck FWD	1	2. 1	3. N 3. N	BER INSTALLED NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS	
NO.  26. FIRE PROTE Sequence No. Item 16-01 Sin	moke Detector System Lower Deck FWD		2	3. 1	4 A REMARKS OR EXCEPTIONS	
26. FIRE PROTE Sequence No. Item 16-01 Sin	moke Detector System Lower Deck FWD			3	4. REMARKS OR EXCEPTIONS	
Sequence No. Item 16-01 Sin	moke Detector System Lower Deck FWD				4	
Sequence No. Item 16-01 Sin	moke Detector System Lower Deck FWD					
<b>16-01</b> Si	moke Detector System Lower Deck FWD					Ва
					procedures are established and used to ensure the associated compartment remains empty or is verified to contain only empty cargo handling equipment,	
					ballast (ballast may be loaded in ULDs), and/or Fly Away Kits.  NOTE 1: Operator MELs must define which items are approved for inclusion in the Fly Away Kits and which materials can be used as ballast.	
					NOTE 2: Failure of a single detector in each cavity is indicated by a MAINTENANCE STATUS message.	
in B	moke Detector System Lower Deck AFT and ULK Cargo ompartments	С	1	0	(O) May be inoperative provided procedures are established and used to ensure the both compartments remain empty or are verified to contain only empty cargo handling equipment, ballast (ballast may be loaded in ULDs), and/or Fly Away Kits.	
					NOTE 1: Operator MELs must define which items are approved for inclusion in the Fly Away Kits and which materials can be used as ballast.	
					NOTE 2: Failure of a single detector in each cavity is indicated by a MAINTENANCE STATUS message.	

EEDEDVI V	VIATION ADMINISTRATIO	NI				
AIRCRAFT:	VIATION ADMINISTRATIO		VISIO	N NC	O. 17a PAGE NO.	
	, A330-200F, A330-300				8/15/2017 26-4	
<u></u>	<u> </u>	мм	FI T	ΔΒΙ	E KEY	
					CATEGORY	
SYSTEM &	ITEM				BER INSTALLED	
SEQUENCE NO.	ITEM			3. 1	NUMBER REQUIRED FOR DISPATCH	
W00000000					4. REMARKS OR EXCEPTIONS	
26. FIRE PR	OTECTION		•	1		1 = .
Sequence No.	Item	1	2	3	4	Chang Bar
16-03 17-01	Smoke Detector System in BULK Cargo Compartment  Lavatory Smoke				Deleted, Revision 9. (Moved to item 26-16-02, Smoke Detector System in Lower Deck AFT and BULK Cargo Compartments.)	
17 01	Detection System					
1)	A330-200, A330-300	С	-	-	<ul> <li>(M)(O) For each lavatory, the lavatory smoke detection system may be inoperative provided: <ul> <li>a) Lavatory waste receptacle is empty,</li> <li>b) Lavatory door is locked closed and placarded "INOPERATIVE – DO NOT ENTER", and</li> <li>c) Lavatory is used only by crewmembers.</li> </ul> </li> </ul>	
2)	A330-200F	D	1	0	May be inoperative.  NOTE 1: These provisos are not intended to prohibit lavatory use or inspections by crewmembers.  NOTE 2: Lavatory smoke detection system is not required for all-cargo operations.	
18-01 ***	Flightcrew Rest Compartment Smoke Detection System	D	1	0	(O) May be inoperative provided:         a) Flightcrew rest compartment is locked closed and not used, and b) Procedure is used to periodically check for absence of smoke in flightcrew rest compartment.	

U.S. DEPAR	TMENT OF TRANSPORTA	OITA	V		MASTER MINIMUM EQUIPMENT LIST
FEDERAL A	VIATION ADMINISTRATIO	<u>N_</u>			
AIRCRAFT: A330-200,	, A330-200F, A330-300	RE\			NO. 17a PAGE NO. 26-5
		ММ	EL T	ABL	LE KEY
SYSTEM & SEQUENCE NO.	ITEM	_	REP	AIR ( NUM	CATEGORY MBER INSTALLED NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS
26. FIRE PR	OTECTION				
Sequence No.	Item	1	2	3	4 Change Bar
18-03 ***	Lower Deck Cabin Crew Rest Compartment Smoke Detection System (A330-200, A330-300)	В	1	0	(M)(O) May be inoperative provided:  a) Lower deck cabin crew rest compartment fire extinguishing system is checked operative before each departure, and b) Procedure is used to periodically check for absence of smoke in the lower deck cabin crew rest compartment.
		D	1	0	<ul> <li>(O) May be inoperative provided: <ul> <li>a) Lower deck cabin crew rest</li> <li>compartment is locked closed</li> <li>and not used,</li> </ul> </li> <li>b) Procedure is used to periodically check for absence of smoke in lower deck cabin crew rest</li> <li>compartment, and</li> <li>c) An operative portable fire extinguisher and protective equipment, in excess of those required for the cabin, are carried in the main deck.</li> </ul>
18-04	Lower Deck Facilities Smoke Detection System (A330-200, A330-300)	D	1	0	<ul> <li>(O) May be inoperative provided: <ul> <li>a) Lower deck facility is locked closed and not used,</li> <li>b) Procedure is used to periodically check for absence of smoke in lower deck facility, and</li> <li>c) An operative portable fire extinguisher and protective equipment, in excess of those required for the cabin, are carried in the main deck.</li> </ul> </li> </ul>

U.S. DEPAR	TMENT OF TRANSPORTA	TIOI	N		MASTER MINIMUM EQUIPMENT LIST				
	VIATION ADMINISTRATIO		//0:-	<u> </u>	DAGE NO.				
AIRCRAFT: A330-200,	, A330-200F, A330-300	KE			O. 17a PAGE NO. 8/15/2017 26-6				
		MM	EL T	ABL	E KEY				
SYSTEM & SEQUENCE NO.	ITEM	1. F	REPAIR CATEGORY  2. NUMBER INSTALLED  3. NUMBER REQUIRED FOR DISPATCH						
26. FIRE PRO	OTECTION				4. REMARKS OR EXCEPTIONS				
Sequence No.	Item	1	2	3	4 Change				
18-05	Bulk Crew Rest	C	1	0	(M)(O) May be inoperative provided:				
***	Compartment Smoke Detection System (With STC No. ST11686SE-T)				<ul> <li>a) The bulk crew rest compartment is locked closed and not used, and</li> <li>b) Alternate procedures are developed and used.</li> </ul>				
1)	Bunk Smoke Detectors	С	-	-	<ul> <li>(M)(O) May be inoperative provided:</li> <li>a) The associated bed bunk is placarded "DO NOT USE", and</li> <li>b) Alternate procedures are developed and used.</li> </ul>				
2)	Seat Smoke Detectors	С	-	-	<ul> <li>(M)(O) May be inoperative provided:</li> <li>a) The associated seat is placarded "DO NOT USE", and</li> <li>b) Alternate procedures are developed and used.</li> </ul>				
3)	Bench Smoke Detectors	С	-	-	May be inoperative.				
4)	Vestibule Smoke Detector	С	2	0	May be inoperative.				

U.S. DEPAR	TMENT OF TRANSPORTA	ATIOI	N		
					MASTER MINIMUM EQUIPMENT LIST
AIRCRAFT:	VIATION ADMINISTRATIO		VISIO	ON N	O. 17a PAGE NO.
	, A330-200F, A330-300				8/15/2017 26-7
		ММ	EL T	ABL	E KEY
SYSTEM &		1. F	$\overline{}$		CATEGORY
SEQUENCE	ITEM		2. [		BER INSTALLED NUMBER REQUIRED FOR DISPATCH
NO.				3.1	4. REMARKS OR EXCEPTIONS
26. FIRE PR	OTECTION			1	,
Sequence No.	Item	1	2	3	4 Change Bar
18-06 ***	Lower Deck Stowage Smoke Detection System (A330-200, A330-300)	D	1	0	(O) May be inoperative provided lower deck stowage is empty, locked closed, and not used.
18-07 ***	Bulk Avionics Compartment Smoke Detection System (A330-200, A330-300)	D	1	0	(M) May be inoperative provided the flight entertainment system is deactivated.
18-08 ***	Video Control Center Smoke Detection System (A330-200, A330-300)	D	-	0	(M) May be inoperative provided the associated Video Control Center is deactivated.
18-09 ***	In-Flight Entertainment Center Smoke Detection System (A330-200, A330-300)	D	1	0	(M) May be inoperative provided the In-Flight Entertainment Center is deactivated.
18-10	Combined Stowage-Galley Smoke Detection System (A330-200F)	D	1	0	<ul> <li>(O) May be inoperative provided: <ul> <li>a) The associated stowage is empty,</li> <li>b) The door of associated stowage is locked closed and placarded inoperative,</li> <li>c) The associated stowage is not used for any purpose, and</li> <li>d) A procedure is used to check daily absence of smoke in stowage.</li> </ul> </li> </ul>
18-11	CAB SMOKE Light (A330-200F)	С	1	0	May be inoperative.

AIRCRAFT:	AVIATION ADMINISTRATIO ), A330-200F, A330-300					PAGE NO.		
A330-200	J, A330-200F, A330-300		DATE: 08/15/2017 26-8  WMEL TABLE KEY					
SYSTEM & SEQUENCE NO.  26. FIRE PR		_	REP	AIR ( NUM	CATEGORY BER INSTALLED NUMBER REQUI	RED FOR DISPATCH OR EXCEPTIONS		
Sequence No.	Item	1	2	3	4		Change	
18-12 ***	Lower Deck Mobile Crew Rest Smoke Detection System (With STC No. ST22440SE)	C	1	0	(M)(O) May be i a) The Low Rest is k used, an b) Alternate	noperative provided: ver Deck Mobile Crew ocked closed and not ad e procedures are ed and used.	Bar	
1)	Bunk Smoke Detectors	С	-	-	a) The assortion placarde b) Alternate	noperative provided: ociated bed bunk is ed "DO NOT USE", and e procedures are ed and used.		
2)	Main Aux Panel Area Detector	С	-	-	May be inoperate	tive.		
3)	Bench Smoke Detector	С	-	-	May be inoperate	tive.		
19-01	Smoke Detector in Main Deck Cargo Compartment (A330-200F)	D	30	0	plates may be in main deck cargo empty or is verif empty cargo ha	ors in one or more base noperative provided the compartment remains fied to contain only ndling equipment, ballast loaded in ULDs), and/or		
					each b a MAIN ECAM NOTE 2: Opera which	e of a single detector in ase plate is indicated by NTENANCE message on STATUS page. tor MELs should define items are approved for on in the fly away kits		
19-02	MD SMOKE Light (A330-200F)	С	1	0	and wh	nich materials can be as ballast.		

AIRCRAFT:	.VIATION ADMINISTRATIC ), A330-200F, A330-300				O. 17a 8/15/2017	PAGE NO. 26-9	
A330-200	, A330-2001 , A330-300	BABA			.E KEY	20-9	
SYSTEM & SEQUENCE NO.	ITEM		REP/	AIR ( NUM	CATEGORY BER INSTALL NUMBER REC	ED QUIRED FOR DISPATCH S OR EXCEPTIONS	
Sequence No.	Item	1	2	3	4		Chang Bar
21-01	Engine AGENT 1(2) pb						
1)	DISCH Light	С	4	2	engine provid	be inoperative on each ded associated bottle is erly charged before first each day.	
		A	4	2	one engine p a) Assoc prope depar b) Repai	y be inoperative on provided: ciated bottles are verified erly charged before each eture, and irs are made within at day.	
2)	SQUIB Light	C	4	0	failure is verif only.	noperative provided the fied to be in the test circuit	

AIRCRAFT:	VIATION ADMINISTRATIO		\ <u>  </u>	) NI N	IO. 17a PAGE NO.	
	, A330-200F, A330-300				8/15/2017 26-10	
		ММ	EL T	ABL	E KEY	
SYSTEM & SEQUENCE NO.	ITEM	1. F		MUN	DATEGORY BER INSTALLED NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS	
26. FIRE PR	OTECTION				I I I LEMP II I I I I I I I I I I I I I I I I I	
Sequence No.	Item	1	2	3	4	Change Bar
21-02	ENG FIRE TEST	С	1	0	(M) May be inoperative provided verification is made before the first departure of each day that the fault is in test circuit only.	
22-01	APU AGENT pb					
1)	DISCH Light	С	1	0	(M) May be inoperative provided APU fire extinguishing bottle is verified properly charged before first departure of each day.	
		С	1	0	Except for ER operations beyond 120 minutes, may be inoperative provided APU is not used.	
2)	SQUIB Light	С	1	0	(M) May be inoperative provided the failure is verified to be in the test circuit only.	
		С	1	0	May be inoperative provided APU is not used.	
22-02	APU Ground Automatic Fire Extinguisher System	С	1	0	May be inoperative provided APU condition is monitored in the cockpit during all APU ground operations.	
22-03	APU FIRE TEST System	С	1	0	(M) May be inoperative provided verification is made before the first departure of each day that the fault is in test circuit only.	
		С	1	0	May be inoperative provided APU is not used.	
22-04	APU Fire Extinguisher Overpressure Indication (Red Disc)	С	1	0	<ul> <li>(M) May be inoperative provided:</li> <li>a) Squib test is used to check squib integrity, and</li> <li>b) Bottle pressure switch is checked operative before the first departure of each day.</li> </ul>	
		С	1	0	May be inoperative provided APU is not used.	

U.S. DEPAR	TMENT OF TRANSPORT	ATIOI	N		MACTE	
FEDERAL A	VIATION ADMINISTRATIO	N			IVIASTE	R MINIMUM EQUIPMENT LIST
AIRCRAFT:					IO. 17a	PAGE NO.
A330-200	, A330-200F, A330-300		DAT	E: 0	8/15/2017	26-11
		_			E KEY	
SYSTEM &		1. F	REPA	FD.		
EQUENCE ITEM			2.1		BER INSTALL	UIRED FOR DISPATCH
NO.				J. 1		OR EXCEPTIONS
26. FIRE PR	OTECTION			1	1	
Sequence No.	Item	1	2	3	4	Chan Bai
22-05	APU Fire Bottle Squibs	С	2	1	remaining squ	operative provided the uib is verified operative at flight of each day.
		С	2	0	May be inopel used.	rative provided APU is not
22-06	APU Fire Extinguisher Bottle	С	1	0	May be inopel used.	rative provided APU is not
23-01	Lower Deck Cargo Compartment Fire Extinguishing System (FWD/AFT/BULK)					
1)	Bottles	С	2	1	compartments	be inoperative (and cargo s used) provided airplane n 1 hour of a suitable t.
		С	2	0	provided proc and used to e remain empty only empty ca	r both may be inoperative redures are established ensure all compartments or are verified to contain argo handling equipment, at may be loaded in ULDs), and Kits.
					which inclusi	itor MELs must define items are approved for on in the Fly Away Kits hich materials can be used last.
					(Continued)	

U.S. DEPAR	TMENT OF TRANSPORTA	OITA	N		
FEDERAL A	VIATION ADMINISTRATIO	N			MASTER MINIMUM EQUIPMENT LIST
AIRCRAFT:					NO. 17a PAGE NO.
A330-200,	A330-200F, A330-300		DAT	E: 0	08/15/2017 26-12
		_			LE KEY
SYSTEM &		1. [			CATEGORY MBER INSTALLED
SEQUENCE NO.	ITEM				NUMBER REQUIRED FOR DISPATCH
18000000					4. REMARKS OR EXCEPTIONS
26. FIRE PRO	OTECTION	1			Char
Sequence No.	Item	1	2	3	4 Chang Bar
23-01	Lower Deck Cargo Compartment Fire Extinguishing System (FWD/AFT/BULK) (Cont'd)				
2)	Squib of FWD Cargo Bottle 1	С	2	0	(O) Both may be inoperative provided procedures are established and used to ensure the FWD compartment remains empty or is verified to contain only empty cargo handling equipment, ballast (ballast may be loaded in ULDs), and/or Fly Away Kits.
					NOTE 1: Operator MELs must define which items are approved for inclusion in the Fly Away Kits and which materials can be used as ballast.
					NOTE 2: Failure of a single squib in each discharge cartridge is indicated by a MAINTENANCE STATUS message.
l					
					(Continued)

U.S. DEPAR	TMENT OF TRANSPORTA	ATIOI	N				
FEDFRAL A	VIATION ADMINISTRATIO	N			MASTE	ER MINIMUM EQUIPMENT I	LIST
AIRCRAFT:					IO. 17a	PAGE NO.	
A330-200	, A330-200F, A330-300		DAT	E: 0	8/15/2017	26-13	
					E KEY		
SYSTEM &		1. 1			CATEGORY BER INSTALL	FD	
SEQUENCE	ITEM		2.1			UIRED FOR DISPATCH	
NO.				C553	4. REMARKS	OR EXCEPTIONS	
26. FIRE PR	OTECTION		1				1
Sequence No.	Item	1	2	3	4		Change Bar
23-01	Lower Deck Cargo Compartment Fire Extinguishing System (FWD/AFT/BULK) (Cont'd)						
3)	Squib of AFT Cargo Bottle 1	С	2	0	procedures and ensure the AF compartments verified to compartments verified to compand the loaded in UKits.  NOTE 1: Open which includes the loaded in UKits.	be inoperative provided re established and used to FT and BULK s remain empty or are ntain only empty cargo pment, ballast (ballast may ULDs), and/or Fly Away erator MELs must define the items are approved for usion in the Fly Away Kits which materials can be	
					NOTE 2: Failu each indic	d as ballast.  ure of a single squib in h discharge cartridge is cated by a MAINTENANCE TUS message.	
					(Continued)		

U.S. DEPAR	TMENT OF TRANSPORTA	OITA	N				
FEDFRALA	VIATION ADMINISTRATIO	N			MASTE	R MINIMUM EQUIPMENT L	JST
AIRCRAFT:	<u> </u>	_			IO. 17a	PAGE NO.	
A330-200	, A330-200F, A330-300		DAT	E: 0	8/15/2017	26-14	
		_			E KEY		
SYSTEM &		1. F			CATEGORY BER INSTALL	En	
SEQUENCE	ITEM		2.1			UIRED FOR DISPATCH	
NO.				0		OR EXCEPTIONS	
26. FIRE PR	OTECTION						
Sequence No.	Item	1	2	3	4		Change Bar
23-01	Lower Deck Cargo Compartment Fire Extinguishing System (FWD/AFT/BULK) (Cont'd)						
4)	Squib of FWD Cargo Bottle 2	С	2	0	cargo compar	inoperative (and FWD trment used) provided ins within 1 hour of a ng airport.	
		С	2	0	procedures an ensure the FV empty or is ve empty cargo h	be inoperative provided re established and used to VD compartment remains erified to contain only nandling equipment, ballast be loaded in ULDs), and/or .	
					whice inclu and	erator MELs must define the items are approved for usion in the Fly Away Kits which materials can be d as ballast.	
					each indic	ure of a single squib in a discharge cartridge is cated by a MAINTENANCE TUS message.	
					(Continued)		

AIRCRAFT:	VIATION ADMINISTRATIO				O. 17a PAGE NO.	
A330-200	, A330-200F, A330-300		DAT	E: 0	8/15/2017 26-15	
		_			E KEY	
SYSTEM & SEQUENCE	ITEM	1. [			CATEGORY BER INSTALLED	
NO.	I I LIVI			3.1	NUMBER REQUIRED FOR DISPATCH	
26. FIRE PR	OTECTION				4. REMARKS OR EXCEPTIONS	
Sequence No.	Item	1	2	3	4	Chang
23-01	Lower Deck Cargo Compartment Fire Extinguishing System (FWD/AFT/BULK) (Cont'd)					Bai
5)	Squib of AFT Cargo Bottle 2	С	2	0	Both may be inoperative (and AFT and BULK cargo compartments used) provided airplane remains within 1 hour of a suitable landing airport.	
		С	2	0	(O) Both may be inoperative provided procedures are established and used to ensure the AFT and BULK compartments remain empty or are verified to contain only empty cargo handling equipment, ballast (ballast may be loaded in ULDs), and/or Fly Away Kits.  NOTE 1: Operator MELs must define which items are approved for inclusion in the Fly Away Kits and which materials can be used as ballast.  NOTE 2: Failure of a single squib in each discharge cartridge is indicated by a MAINTENANCE	
23-02	FWD/AFT Cargo BTL 1 DISCH Light	С	1	0	STATUS message.	
23-03	FWD/AFT Cargo BTL 2 DISCH Light	С	1	0		
23-05	FWD/AFT Cargo SQUIB Lights	С	2	0		

AIRCRAFT:	VIATION ADMINISTRATI		VISIO	A NC	IO. 17a	PAGE NO.	
	), A330-200F, A330-300			_	8/15/2017	26-16	
					E KEY		
SYSTEM &		1. F	$\overline{}$		CATEGORY	FD	
SEQUENCE	ITEM		2.1		BER INSTALL	UIRED FOR DISPATCH	
NO.				0.		S OR EXCEPTIONS	
26. FIRE PR	OTECTION	·					
Sequence No.	Item	1	2	3	4		Cha Ba
23-06	Test on CARGO SMOKE Panel	С	1	0			
24-01	Portable Fire Extinguishers	D	-	-	14 CFR may provided:  a) Inope tagge from i placed be mis and b) Requi	s of those required by be inoperative or missing rative fire extinguisher is d inoperative, removed nstalled location, and d out of sight so it cannot staken for a functional unit, ired distribution is ained.	
25-01	Lavatory Fire Extinguisher System						
1)	A330-200, A330-300	С	-	-	extinguisher sprovided lava	atory, the lavatory fire system may be inoperative atory smoke detection ates normally.	
		С	-	-	fire extinguish inoperative properative properative properative properative properation (a) Lavate and properation (b) Lavate c) Lavate	ory waste receptacle is	
					inter use crev	ese provisos are not nded to prohibit lavatory or inspections by wmembers.	
					syst	evatory fire extinguisher tem is not required for cargo operations.	
2)	A330-200F	D	1	0	May be inope	protivo	

AIRCRAFT:	VIATION ADMINISTRATIO ), A330-200F, A330-300				O. 17a 8/15/2017	PAGE NO. 26-17			
71000 200	7, 71000 2001 , 71000 000	MMEL TABLE KEY							
					CATEGORY				
SYSTEM &					BER INSTALL	.ED			
SEQUENCE NO.	ITEM					UIRED FOR DISPATCH			
NO.				50000	4. REMARKS	S OR EXCEPTIONS			
26. FIRE PROTECTION									
Sequence No.	Item	1	2	3	4		Cha B		
28-01 ***	Lower Deck Cabin Crew Rest Compartment Fire Extinguishing System (A330-200, A330-300)	D	1	0	deck cabin cr smoke detect normally.	noperative provided lower rew rest compartment tion system operates			
		D	1	0	deck cabin cr	noperative provided lower rew rest compartment is d and not used.			
28-02 ***	Bulk Crew Rest Compartment Fire Extinguishing System				Deleted, Rev	ision 9.			

U.S. DEPARTMENT OF TRANSPORTATION  MASTER MINIMUM FOLIPMENT LIST										
VIATION ADMINISTRATION	ON			MASTER MINIMUM EQUIPMENT	LIST					
,	мм	FI T	ΆΒΙ	F KFY						
ITEM	REPAIR CATEGORY     NUMBER INSTALLED									
			•	4. REMARKS OR EXCEPTIONS						
27. FLIGHT CONTROLS										
Item	1	2	3	4	Change Bar					
Aileron Servocontrol										
Outboard	С	4	3	(M) One may be inoperative provided it remains mechanically connected and hydraulically supplied (damping function is not affected).						
	С	4	2	(M) Both associated with PRIM 3 (left yellow and right green) may be inoperative provided they remain mechanically connected and hydraulically supplied (damping function is not affected).						
Indication on ECAM F/CTL Page										
Aileron Position Indications	С	4	0	(M) May be inoperative provided ability to move affected aileron through each servocontrol is verified visually before each departure.						
Aileron Actuator Indications	С	8	0							
Rudder Pedal Adjustment Systems	C	2	0	<ul> <li>(O) CAPT and/or F/O systems may be inoperative provided: <ul> <li>a) Rudder pedals can be adjusted to a position which is acceptable to the affected crewmember, and</li> <li>b) Full and unrestricted movement of rudder pedals and brake pedal deflection is possible at both pilot stations.</li> </ul> </li> </ul>						
	ITEM  CONTROLS  Item  Aileron Servocontrol Outboard  Indication on ECAM F/CTL Page Aileron Position Indications  Aileron Actuator Indications  Rudder Pedal	NIATION ADMINISTRATION   REV     A330-200F, A330-300   MMI     ITEM	NIATION ADMINISTRATION	NATION ADMINISTRATION	MASTER MINIMUM EQUIPMENT  MASTER MINIMUM EQUIPMENT  REVISION NO. 17 DATE: 04/05/2017    PAGE NO.					

22-02 Manua Functi 22-03 Rudde Indica	ITEM  OLS  er Trim Systems  al Trim Reset ion  er Trim Position	_	EL T	ABL AIR (	### 1995/2017 27-2  ### 19
27. FLIGHT CONTR Sequence No. Item 22-01 Rudde 22-02 Manua Functi 22-03 Rudde Indica	oLS er Trim Systems  al Trim Reset ion er Trim Position	1. F	2 2 2	3 1 0	ATEGORY BER INSTALLED NUMBER REQUIRED FOR DISPATCH  4. REMARKS OR EXCEPTIONS   (M)(O) One may be inoperative provided:  a) The other system is verified to operate normally before each departure, and b) Approach minimums do not require its use.  May be inoperative provided one rudder trim position indication is available.
22-02 Manua Functi 22-03 Rudde 23-01 Rudde	oLS er Trim Systems  al Trim Reset ion er Trim Position	C C	2 2 2	3 1 0	BER INSTALLED NUMBER REQUIRED FOR DISPATCH  4. REMARKS OR EXCEPTIONS  4 (M)(O) One may be inoperative provided:  a) The other system is verified to operate normally before each departure, and b) Approach minimums do not require its use.  May be inoperative provided one rudder trim position indication is available.
22-02 Manua Functi 22-03 Rudde Indica	er Trim Systems  al Trim Reset ion  er Trim Position	C C	1 2	0	(M)(O) One may be inoperative provided:  a) The other system is verified to operate normally before each departure, and b) Approach minimums do not require its use.  May be inoperative provided one rudder trim position indication is available.
22-02 Manua Functi 22-03 Rudde Indica	al Trim Reset ion er Trim Position	C C	1 2	0	(M)(O) One may be inoperative provided:  a) The other system is verified to operate normally before each departure, and b) Approach minimums do not require its use.  May be inoperative provided one rudder trim position indication is available.
22-02 Manua Functi 22-03 Rudde Indica 23-01 Rudde	al Trim Reset ion er Trim Position	С	1 2	0	provided:  a) The other system is verified to operate normally before each departure, and b) Approach minimums do not require its use.  May be inoperative provided one rudder trim position indication is available.
Functi  22-03 Rudde Indica  23-01 Rudde	ion er Trim Position	С	2	1	trim position indication is available.
Indica  23-01 Rudde					(O) May be inonerative provided:
		В	2	0	(O) May be inonerative provided:
					<ul> <li>a) Rudder trim is verified to operate normally,</li> <li>b) Rudder position is verified at zero before each departure, and</li> <li>c) Rudder pedals are verified in a neutral position.</li> </ul>
(Includ Pedal: Units)	ding Rudder and s Travel Limiter				
<b>1)</b> Chanr	nels	С	2	1	One may be inoperative provided FCDC 2 and FWC 2 operate normally.

U.S. DEPAR	RTMENT OF TRANSPORTA	TIOI	N					
			-		MASTER MINIMUM EQUIPMENT LIST			
AIRCRAFT:	VIATION ADMINISTRATIO		VISIO	A NC	NO. 17 PAGE NO.			
	, A330-200F, A330-300	. \_	DATE: 04/05/2017 27-3					
		ММ	EL T	ABL	LE KEY			
SYSTEM &					CATEGORY			
SEQUENCE	ITEM		2.1		IBER INSTALLED			
NO.	II LIVI			3. I	NUMBER REQUIRED FOR DISPATCH			
27 ELICUT	CONTROLS	4. REMARKS OR EXCEPTIONS						
Sequence No.	CONTROLS Item	1	2	3	4 Change			
24-01	Indication on ECAM	•		3	# Bar			
24-01	F/CTL Page (With Mod. 49144)							
1)	Rudder Position Indication	С	1	0	<ul> <li>(M) May be inoperative provided:</li> <li>a) Visual verification of rudder movement is made, and</li> <li>b) The rudder trim position is verified at zero before each departure on either ECAM F/CTL page or the RUD TRIM panel on the pedestal.</li> </ul>			
25-01	Indication on ECAM F/CTL Page (Without Mod. 49144)							
1)	Rudder Position Indication	С	1	0	<ul> <li>(M) May be inoperative provided:</li> <li>a) Visual verification of rudder movement is made, and</li> <li>b) The rudder trim position is verified at zero before each departure on either ECAM F/CTL page or the RUD TRIM panel on the pedestal.</li> </ul>			
25-02	Warning and Caution on ECAM E/WD							
1)	F/CTL RUD G(Y)(B) SERVO JAM (A330-300 Without Mod. 49144)	С	3	0	(O) May be inoperative provided before each flight, and for each inoperative caution, rudder deflection is checked operative using only the servocontrol associated with each inoperative caution.			
					(0 )			
					(Continued)			

U.S. DEPAR	TMENT OF TRANSPORTA	OIT	N		MASTER MINIMUM EQUIPMENT LIS	ST	
	VIATION ADMINISTRATIO						
AIRCRAFT: A330-200,	A330-200F, A330-300	REVISION NO. 17 PAGE NO. 27-4					
		ММ	EL T	ABL	E KEY		
SYSTEM & SEQUENCE NO.	ITEM	1. F		NUM	CATEGORY BER INSTALLED NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS		
27. FLIGHT	CONTROLS	1		ı	Let	hanga	
Sequence No.	Item	1	2	3		hange Bar	
25-02	Warning and Caution on ECAM E/WD (Cont'd)						
2)	F/CTL RUD Y(B) SERVO FAULT (With Mod. 49144/ MP S16279, SB A330-27-3161, and SB A330-27-3169)	С	2	1	<ul> <li>(M)(O) F/CTL RUD B SERVO FAULT may be inoperative provided: <ul> <li>a) A check is performed before each flight to ensure that the EFCS ground report indicates that only the blue rudder servocontrol sensor is at fault,</li> <li>b) The affected servocontrol sensor is deactivated,</li> <li>c) The rudder control associated with PRIM 1, PRIM 3, and SEC 1 are checked operative before each flight,</li> <li>d) The backup control module is checked operative before each flight, and</li> <li>e) The yellow electric pump is checked operative before each flight.</li> </ul> </li> </ul>		
		С	2	1	<ul> <li>(M) F/CTL RUD Y SERVO FAULT may be inoperative provided: <ul> <li>a) A check is performed before each flight to ensure that the EFCS ground report indicates that only the yellow rudder servocontrol sensor is at fault,</li> <li>b) The backup control module is checked operative before each flight, and</li> <li>c) PRIM 3 is considered inoperative.</li> </ul> </li> </ul>		

AIRCRAFT:	NVIATION ADMINISTRATION 0, A330-200F, A330-300				IO. 17 4/05/2017	PAGE NO. 27-5					
A330-200	J, A330-200F, A330-300	DADA.	DATE: 04/05/2017 27-5  MMEL TABLE KEY								
SYSTEM &				1. REPAIR CATEGORY  2. NUMBER INSTALLED							
SEQUENCE NO.	ITEM					UIRED FOR DISPATCH					
NO.				10030 011	4. REMARKS	S OR EXCEPTIONS					
27. FLIGHT	CONTROLS										
Sequence No.	Item	1	2	3	4	Cha B					
26-01	Yaw Damper System (Without Mod. 49144)	С	2	1	inoperative p a) The B norma and b) Appro	nper system 2 may be rovided: BYDU is verified to operate ally before each departure, pach minimums do not re its use.					
34-02	Indications on ECAM F/CTL Page										
1)	Elevator Position Indications	С	2	0	verification of	noperative provided a visual f affected elevator made before each					
2)	Elevator Actuator Indications	C	4	0							

FEDERAL A	VIATION ADMINISTRATIO	N			MASTER MINIMUM EQUIPMENT LIS	<b>3</b> I			
AIRCRAFT:	***************************************		VISIO	A NC	O. 17 PAGE NO.				
A330-200	, A330-200F, A330-300		DATE: 04/05/2017 27-6						
		MM	EL T	ABL	E KEY				
SYSTEM &		1. [			CATEGORY				
SEQUENCE	ITEM		2. I		BER INSTALLED				
NO.	11 <b>-</b> M			3. 1	NUMBER REQUIRED FOR DISPATCH				
27. FLIGHT CONTROLS									
	T	T 4			A	hange			
Sequence No.	Item	1	2	3		Bar			
40-03	PRIM Pitch Channel (With SB 27-4136 or Mod. 55780/ MP D46390) and (SB 92-4056 or ((Mod. 52269/ MP D44449 or Mod. 52269/ MP D44450) and Mod. 56056/ MP C10650))								
1)	PRIM 1 Pitch Channel	С	1	0	<ul> <li>(M) May be inoperative provided: <ul> <li>a) A verification is performed before each flight to ensure that the EFCS ground report only shows messages of the THS,</li> <li>b) The affected stabilizer actuator electric motor 1 is considered inoperative, and</li> <li>c) PRIM 2 Pitch Channel and PRIM 3 Pitch Channel are operative.</li> </ul> </li> </ul>				
		С	1	0	May be inoperative provided:  a) PRIM 1 is considered inoperative, and b) PRIM 2 Pitch Channel and PRIM 3 Pitch Channel are operative.				
2)	PRIM 2 Pitch Channel	С	1	0	<ul> <li>(M) May be inoperative provided:</li> <li>a) A verification is performed before each flight to ensure that the EFCS ground report only shows messages of the THS,</li> <li>b) The affected stabilizer actuator electric motor 2 is considered inoperative, and</li> <li>c) PRIM 1 Pitch Channel and PRIM 3 Pitch Channel are operative.</li> </ul>				
3)	PRIM 3 Pitch Channel	С	1	0	May be inoperative provided stabilizer actuator electric motor 3 is considered inoperative.				

U.S. DEPAR	TMENT OF TRANSPORTA	OITA	N		MAGTE	
FEDERAL A	VIATION ADMINISTRATIO	N			MASTE	ER MINIMUM EQUIPMENT LIST
AIRCRAFT:	, A330-200F, A330-300				IO. 17 4/05/2017	PAGE NO. 27-7
		ММ	EL T	ABL	E KEY	I
SYSTEM & SEQUENCE NO.	ITEM	_	REP	AIR ( NUM	CATEGORY BER INSTALL NUMBER REQ	ED UIRED FOR DISPATCH S OR EXCEPTIONS
27. FLIGHT	CONTROLS				<del>,                                      </del>	
Sequence No.	Item	1	2	3	4	Change Bar
40-04	PRIM Pitch Channel (With SB 27-4136 or Mod. 55780/ MP D46390)					
1)	PRIM 1 Pitch Channel	С	1	0	a) A verification each for EFCS messation b) The affication electrication in the second electrication operated and second each for shows	rication is performed before flight to ensure that the ground report only shows ages of the THS, ffected stabilizer actuator comotor 1 is considered rative, 2 Pitch Channel and 3 Pitch Channel are tive, and spection of the THSA rew and CSP (Checkable Pin) is performed before flight if EFCS ground report is "PITCH TRIM ACTR" failure message.
		C	1	0	a) PRIM inoper b) PRIM PRIM operate c) An ins ballsci Shear each f	noperative provided: 1 is considered rative, 2 Pitch Channel and 3 Pitch Channel are tive, and spection of the THSA rew and CSP (Checkable Pin) is performed before flight if EFCS ground report s "PITCH TRIM ACTR " failure message.
					(Continued)	

FEDERAL A AIRCRAFT:	VIATION ADMINISTRATION		/ISIC	ON N	IO. 17	PAGE NO.	
A330-200	, A330-200F, A330-300		DAT	E: 0	4/05/2017	27-8	
					E KEY		
SYSTEM & SEQUENCE NO.	ITEM	1. F		NUM		ED QUIRED FOR DISPATCH S OR EXCEPTIONS	
27. FLIGHT	CONTROLS				1.112.113	01(2/02/110110	
Sequence No.	Item	1	2	3	4		Change Bar
40-04	PRIM Pitch Channel (With SB 27-4136 or Mod. 55780/ MP D46390) (Cont'd)						
2)	PRIM 2 Pitch Channel	С	1	0	a) A verification each for EFCS messable incorporation (a) PRIM operated (b) An installation shows	noperative provided: fication is performed before flight to ensure that the ground report only shows ages of the THS, ffected stabilizer actuator ic motor 2 is considered rative, 1 Pitch Channel and 3 Pitch Channel are tive, and spection of the THSA rew and CSP (Checkable r Pin) is performed before flight if EFCS ground report s "PITCH TRIM ACTR " failure message.	
3)	PRIM 3 Pitch Channel	С	1	0	a) The si motor inoper b) An ins ballsc Shear each f shows	noperative provided: tabilizer actuator electric 3 is considered rative, and spection of the THSA rew and CSP (Checkable Pin) is performed before flight if EFCS ground report s "PITCH TRIM ACTR " failure message.	

U.S. DEPARTMENT OF TRANS	PORTATIOI	\I				
		4		MASTE	ER MINIMUM EQUIPMENT	LIST
FEDERAL AVIATION ADMINIST AIRCRAFT:		/101/	N MC	IO 17	PAGE NO.	
A330-200, A330-200F, A330-		VISION NO. 17 PAGE NO. 27-9				
	ММ	EL T	ABL	E KEY		
SYSTEM &		REP	AIR (	CATEGORY	ED.	
SEQUENCE ITEM		2.1		BER INSTALL	UIRED FOR DISPATCH	
NO.			J. 1		S OR EXCEPTIONS	
27. FLIGHT CONTROLS		1	1	1		
Sequence No. Item	1	2	3	4		Change Bar
40-05 PRIM Pitch Chanr (With SB 92-4056 ((Mod. 52269/ MP D44449 or Mod. 52269/ MP D44450) and Mod.56056/ MP C10650))						
1) PRIM 1 Pitch Cha	nnel C	1	0	a) A veri each EFCS mess b) The a electr inope c) PRIM PRIM opera d) An ins ballso each shows	noperative provided: ification is performed before flight to ensure that the ground report only shows ages of the THS, iffected stabilizer actuator ic motor 1 is considered rative, 2 Pitch Channel and 3 Pitch Channel are ative, and spection of the THSA crew is performed before flight if EFCS ground report is "PITCH TRIM ACTR " failure message.	
	C	1	0	a) PRIM inope b) PRIM PRIM opera c) An installs ceach shows	noperative provided: 1 is considered rative, 2 Pitch Channel and 3 Pitch Channel are ative, and spection of the THSA crew is performed before flight if EFCS ground report s "PITCH TRIM ACTR " failure message.	
				i .		

	TMENT OF TRANSPORTA		N		MASTER MINIMUM EQUIPMENT LIST
	VIATION ADMINISTRATIO		// 016	<u> </u>	NO 47   DAOE NO
AIRCRAFT: A330-200,	, A330-200F, A330-300	KE			NO. 17 PAGE NO. 27-10
		ММ	EL T	ABL	LE KEY
OVOTENA					CATEGORY
SYSTEM & SEQUENCE	ITEM		2.1	NUN	IBER INSTALLED
NO.	I I ⊏IVI			3.1	NUMBER REQUIRED FOR DISPATCH
110.					4. REMARKS OR EXCEPTIONS
27. FLIGHT (	CONTROLS				
Sequence No.	Item	1	2	3	4 Change Bar
40-05	PRIM Pitch Channel (With SB 92-4056 or Mod. 52269/MP D44449 or Mod. 52269/ MP D44450 and Mod.56056/ MP C10650) (Cont'd)				
2)	PRIM 2 Pitch Channel	С	1	0	<ul> <li>(M) May be inoperative provided: <ul> <li>a) A verification is performed before each flight to ensure that the EFCS ground report only shows messages of the THS,</li> <li>b) The affected stabilizer actuator electric motor 2 is considered inoperative,</li> <li>c) PRIM 1 Pitch Channel and PRIM 3 Pitch Channel are operative, and</li> <li>d) An inspection of the THSA ballscrew is performed before each flight if EFCS ground report shows "PITCH TRIM ACTR (1CS)" failure message.</li> </ul> </li> </ul>
3)	PRIM 3 Pitch Channel	С	1	0	<ul> <li>(M) May be inoperative provided:</li> <li>a) Stabilizer actuator electric motor 3 is considered inoperative, and</li> <li>b) An inspection of the THSA ballscrew is performed before each flight if EFCS ground report shows "PITCH TRIM ACTR (1CS)" failure message.</li> </ul>
44-01	Stabilizer Actuator Electrical Motors	С	3	2	<ul><li>(M)(O) Except for ER operations,</li><li>motor 1 may be inoperative provided:</li><li>a) It is deactivated, and</li><li>b) Approach minimums do not require its use.</li></ul>
		С	3	2	(M)(O) Motor 2 or 3 may be inoperative provided it is deactivated.

US DEPAR	TMENT OF TRANSPORT	ΙΟΙΤΑ						
			•		MASTER MINIMUM EQUIPMENT LIST			
FEDERAL A\ AIRCRAFT:	/IATION ADMINISTRATIO		/1010	7N I N	IO. 17 PAGE NO.			
	A330-200F, A330-300	KE			4/05/2017 27-11			
		MM	EL T	ABL	E KEY			
SYSTEM &		1. F			CATEGORY			
SEQUENCE	ITEM		2.1		BER INSTALLED			
NO.	112111			3.1	NUMBER REQUIRED FOR DISPATCH			
27 FUGUE	CONTROLC	4. REMARKS OR EXCEPTIONS						
27. FLIGHT C	Item	1	2	3	4 Change			
		'		3	Bar			
45-01	Indications on ECAM F/CTL Page							
1)	Pitch Trim Position	С	1	0	(O) May be inoperative provided pitch trim handwheel and stabilizer are verified to operate synchronously before each departure.			
51-01	Flaps System							
1)	System 1							
a)	Without Mod. 204037/ MP D50824	A	1	0	<ul> <li>(M)(O) May be inoperative provided:</li> <li>a) Flaps system 2 operates normally,</li> <li>b) Slats system 2 operates normally,</li> <li>c) Electrical supply to flaps system 1 is deactivated, and</li> <li>d) Repairs are made within 9 calendar-days.</li> </ul>			
b)	With Mod. 204037/ MP D50824	A	1	0	<ul> <li>(M)(O) May be inoperative provided:</li> <li>a) Flaps system 2 operates normally,</li> <li>b) Slats system 2 operates normally,</li> <li>c) Electrical supply to flaps system 1 is deactivated, and</li> <li>d) Repairs are made within 9 calendar-days.</li> </ul>			
		A	1	0	<ul> <li>(O) May be inoperative for one flight provided: <ul> <li>a) Flaps system 2 operates normally,</li> <li>b) Slats system 2 operates normally, and</li> <li>c) Electrical supply to flaps system 1 is switched off by using the SFCC1 FLAP reset pb.</li> </ul> </li> </ul>			
					(Continued)			

AIRCRAFT:	<u> </u>		_		O. 17 PAGE NO. 27-12				
71000 200	, 71000 2001 , 71000 000	ММ			.E KEY				
SYSTEM & SEQUENCE NO.	ITEM	1. REP		REPAIR CATEGORY     2. NUMBER INSTALLED     3. NUMBER REQUIRED FOR DISPATCH     4. REMARKS OR EXCEPTIONS					
Sequence No.	Item	1	2	3	4	Chang			
51-01	Flaps System (Cont'd)					Bar			
2)	System 2								
a)	Without Mod. 204037/ MP D50824	A	1	0	<ul> <li>(M) May be inoperative provided:</li> <li>a) Electrical supply to flaps system 2 is deactivated,</li> <li>b) Yellow auxiliary hydraulic power (electric pump) operates normally, and</li> <li>c) Repairs are made within 9 calendar-days.</li> </ul>				
b)	With Mod. 204037/ MP D50824	A	1	0	<ul> <li>(M) May be inoperative provided:</li> <li>a) Electrical supply to flaps system 2 is deactivated,</li> <li>b) Yellow auxiliary hydraulic power (electric pump) operates normally and</li> <li>c) Repairs are made within 9 calendar-days.</li> </ul>				
		A	1	0	(O) May be inoperative for one flight provided:  a) Electrical supply to flaps system 2 is switched off by using the SFCC 2 FLAP reset pb, and b) Yellow auxiliary hydraulic power (electric pump) operates normally.				

AIRCRAFT:	VIATION ADMINISTRATION, A330-300				O. 17 4/05/2017	PAGE NO. 27-13			
A330-200	J, A330-200F, A330-300	DADA.				21-13			
					E KEY				
SYSTEM &	N222270	''	1. REPAIR CATEGORY  2. NUMBER INSTALLED						
SEQUENCE NO.	ITEM					UIRED FOR DISPATCH			
NO.				50000 00	4. REMARKS	S OR EXCEPTIONS			
27. FLIGHT	CONTROLS								
Sequence No.	Item	1	2	3	4	Ch E			
64-01	Spoilers	С	12	10	may be inope provided AFN are applied.	pair of symmetrical surfaces erative in retracted position of performance penalties			
		С	12	8	may be inope	pairs (surfaces 1 and 2) erative in retracted position  M performance penalties			
64-02	Indications on ECAM F/CTL and WHEEL Pages								
1)	Spoilers/Speedbrake Indications	С	12	0		noperative provided verified to move normally departure.			

AIRCRAFT:	VIATION ADMINISTRATION		// © /	)NI N	IO. 17 PAGE NO.						
	A330-200F, A330-300		DATE: 04/05/2017 27-14								
		ММ	EL T	ABL	E KEY						
SYSTEM & SEQUENCE NO.	ITEM	1. 1	2. NUMBER INSTALLED  3. NUMBER REQUIRED FOR DISPATCH								
27. FLIGHT (	CONTROL 6				4. REMARKS OR EXCEPTIONS						
Sequence No.	Item	1	2	3	4	Chang					
81-01	Slats System	'		3	-	Bar					
	•										
1)	System 2										
a)	Without Mod. 204037/ MP D50824	A	1	0	<ul> <li>(M) May be inoperative provided:</li> <li>a) Electrical supply to slats</li> <li>system 2 is deactivated, and</li> <li>b) Repairs are made within</li> <li>9 calendar-days.</li> </ul>						
b)	With Mod. 204037/ MP D50824	A	1	0	<ul> <li>(M) May be inoperative provided:</li> <li>a) Electrical supply to slats</li> <li>system 2 is deactivated, and</li> <li>b) Repairs are made within</li> <li>9 calendar-days.</li> </ul>						
		A	1	0	(O) May be inoperative for one flight provided electrical supply to slats system 2 is switched off by using the SFCC 2 SLAT reset pb.						
92-01	Speedbrake Control System	С	1	0							
92-02	Ground Spoiler Control System	С	1	0	(O) May be inoperative provided:  a) AFM takeoff and landing performance penalties are applied, and b) The AUTO/BRK function is not used.						
92-05	PRIM Side Stick Potentiometers Signals	С	24	-	<ul> <li>(M) May be inoperative provided: <ul> <li>a) It is verified before each flight that affected PRIM Side Stick Potentiometers Signals are associated with either PRIM 1 or PRIM 3,</li> <li>b) It is verified before each flight that all sidestick priority switch signals associated with the two other PRIMs and both SECs are verified to operate normally, and</li> <li>c) Associated PRIM is considered inoperative.</li> </ul> </li> </ul>						

U.S. DEPAR	U.S. DEPARTMENT OF TRANSPORTATION  MASTER MINIMUM EQUIPMENT LIST												
FEDERAL A	VIATION ADMINISTRATIO	N			IVIASTE	R WIINIWOW EQUIPMENT	LIST						
AIRCRAFT:			/ISIC	N NC	O. 17	PAGE NO.							
A330-200	, A330-200F, A330-300		DAT	E: 04	4/05/2017	27-15							
		ММ	EL T	ABL	E KEY								
CVCTEM		1. F	REP/	AIR C	CATEGORY								
SYSTEM & SEQUENCE	ITEM		2.1		BER INSTALLI								
NO.	I I LIVI	3. NUMBER REQUIRED FOR DISPATCH											
800000000000					4. REMARKS	OR EXCEPTIONS							
27. FLIGHT	27. FLIGHT CONTROLS												
Sequence No.	Item	1	2	3	4		Change Bar						
92-06	PRIM Side Stick Priority Switch Signals	С	12		a) It is ve that af Priority associ PRIM b) It is ve that al signals two otl are ve and	erified before each flight I sidestick potentiometer is associated with the her PRIMs and both SECs rified to operate normally, iated PRIM is considered							

U.S. DEPAR	TMENT OF TRANSPORTA	ATIOI	N					
	VIATION ADMINISTRATIO				MASTER MINIMUM EQUIPMENT LIST			
AIRCRAFT:	VIATION ADMINISTRATIC		VISIO	ON N	NO. 17 PAGE NO.			
A330-200	, A330-200F, A330-300		DATE: 04/05/2017 27-16					
					LE KEY			
SYSTEM & SEQUENCE NO.	ITEM	1. F		MUŅ	MBER INSTALLED NUMBER REQUIRED FOR DISPATCH			
27. FLIGHT	CONTROL S	4. REMARKS OR EXCEPTIONS						
Sequence No.	Item	1	2	3	4 Change			
93-01	PRIMs	•	_		Bar			
1)	PRIM 1 (With Mod. 44385 and Without Mod. 49144)	c	1	0	<ul> <li>(M)(O) Except for ER operations, may be inoperative provided: <ul> <li>a) PRIM 1 pb-sw is selected OFF and remains OFF for the entire flight,</li> <li>b) All sidestick transducers associated with both SECs operate normally,</li> <li>c) All SECs, SFCCs, LGCIUs, RAs, ADIRS, and PRIM 3 operate normally,</li> <li>d) The sidestick priority function is checked operative on both sides before each departure,</li> <li>e) Stabilizer actuator electrical motors associated with PRIM 2 and PRIM 3 operate normally,</li> <li>f) Elevators controls through operative PRIMs and SECs are checked operative before each departure,</li> <li>g) The mode valve transducers on the elevators servo-controls are checked operative,</li> <li>h) The second electrical power supply of PRIM 3 is verified to operate normally,</li> <li>i) Performance penalties for one pair of spoilers inoperative are applied and deactivation of affected spoilers is not necessary, and</li> <li>j) Approach minimums do not require its use.</li> </ul> </li> </ul>			
					(Continued)			

AIRCRAFT:	VIATION ADMINISTRATION	ON			MASTE	R MINIMUM EQUIPMENT	LIST		
AIRCRAFT:	WINTER ADMINISTRATION								
A330-200			VISION NO. 17 PAGE NO.						
	A330-200, A330-200F, A330-300			DATE: 04/05/2017 27-17					
					E KEY				
SYSTEM &		1. F			CATEGORY	-n			
SEQUENCE	ITEM		2.1		IBER INSTALL	UIRED FOR DISPATCH			
NO.				J. 1		OR EXCEPTIONS			
27. FLIGHT	CONTROLS								
Sequence No.	Item	1	2	3	4		Change Bar		
93-01	PRIMs (Cont'd)						•		
2)	PRIM 1 (With Mod. 49144)	C	1	0	be inoperative a) PRIM and re flight, b) All sid assoc operat c) All SE ADIRS norma d) The si check before e) Stabili motors and P f) Backu rudder check depart g) All per units a PRIM operat h) Elevat operat check depart i) The m the ele check j) Blue a are ch k) The so supply	1 pb-sw is selected OFF emains OFF for the entire destick transducers iated with both SECs te normally, iCs, SFCCs, LGCIUs, RAs, S, and PRIM 3 operate ally, idestick priority function is ed operative on both sides e each departure, izer actuator electrical is associated with PRIM 2 RIM 3 operate normally, up control module and r control on SEC 1 are ed operative before each ture, dals position transducer associated with PRIM 2, 3, and SEC 1 are checked tive before each departure, tors controls through tive PRIMs and SECs are ed operative before each			

U.S. DEPAR	TMENT OF TRANSPORTA	TIOI	N					
FEDERAL A	VIATION ADMINISTRATIO	N			MASTE	ER MINIMUM EQUIPMENT	LIST	
AIRCRAFT:					IO. 17	PAGE NO.		
A330-200,	A330-200F, A330-300		DATE: 04/05/2017 27-18					
					E KEY			
SYSTEM &		1.1	$\overline{}$		CATEGORY IBER INSTALL	ED		
SEQUENCE	ITEM		2.1			UIRED FOR DISPATCH		
NO.				0.,		OR EXCEPTIONS		
27. FLIGHT	CONTROLS		,		,			
Sequence No.	Item	1	2	3	4		Change Bar	
93-01	PRIMs (Cont'd)						•	
2)	PRIM 1 (With Mod. 49144) (Cont'd)				one pare agreed affected necessity m) Appro	rmance penalties for air of spoilers inoperative oplied and deactivation of ed spoilers is not esary, and each minimums do not e its use.		
3)	PRIM 1 (With Mod. 44385/ MP S13080 and Mod. 55439/ MP S18649 and Mod. 55696/ MP S18546 and Without Mod. 49144/ MP S16279)	C	1	0	be inoperative a) PRIM and re flight, b) All sid assoc opera c) All SE ADIRS norma d) The si check before e) Stabili motor and P f) Elevar opera verifie depar g) The si supply opera h) Perfor one pi are ap affecte neces i) Appro	1 pb-sw is selected OFF emains OFF for the entire elestick transducers liated with both SECs te normally, CS, SFCCs, LGCIUs, RAs, S, and PRIM 3 operate eally, idestick priority function is ed operative on both sides e each departure, izer actuator electrical s associated with PRIM 2 RIM 3 operate normally, tors controls through tive PRIMs and SECs are ed operative before each		
					(Continued)			

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FEDERAL A	VIATION ADMINISTRATION	NC			MASTER MINIMUM EQUIPMENT LIST				
AIRCRAFT:	ivi, trioit, teminio in, trio		VISIO	SION NO. 17 PAGE NO.					
A330-200	A330-200, A330-200F, A330-300 DA				04/05/2017 27-19				
		_			LE KEY				
SYSTEM &		1. 1			CATEGORY MBER INSTALLED				
SEQUENCE	ITEM		2. 1		NUMBER REQUIRED FOR DISPATCH				
NO.				65.8	4. REMARKS OR EXCEPTIONS				
27. FLIGHT	CONTROLS								
Sequence No.	Item	1	2	3	4 Chang Bar				
93-01	PRIMs (Cont'd)								
4)	PRIM 1 (With Mod. 49144/ MP S16279 and Mod. 53468/ MP S18201 and Mod. 55697/ MP S18547)	C	1	0	<ul> <li>(M)(O) Except for ER operations, may be inoperative provided: <ul> <li>a) PRIM 1 pb-sw is selected OFF and remains OFF for the entire flight,</li> <li>b) All sidestick transducers associated with both SECs operate normally,</li> <li>c) All SECs, SFCCs, LGCIUs, RAs, ADIRS, and PRIM 3 operate normally,</li> <li>d) The sidestick priority function is checked operative on both sides before each departure,</li> <li>e) Stabilizer actuator electrical motors associated with PRIM 2 and PRIM 3 operate normally,</li> <li>f) Backup control module and rudder control on SEC 1 are verified operative before each departure,</li> <li>g) All pedals position transducer units associated with PRIM 2, PRIM 3, and SEC 1 are verified operative before each departure,</li> <li>h) Elevators controls through operative PRIMs and SECs are verified operative before each departure,</li> <li>j) Blue and Yellow electric pumps are checked operative,</li> <li>j) The second electrical power supply of PRIM 3 is verified to operate normally,</li> <li>k) Performance penalties for one pair of spoilers inoperative are applied and deactivation of affected spoilers is not necessary, and</li> <li>l) Approach minimums do not require its use.</li> <li>(Continued)</li> </ul> </li> </ul>				

	U.S. DEPAR	TMENT OF TRANSPORT	ATIOI	N							
ARCRAFT: A330-200, A330-200F, A330-300  REVISION NO. 17 DATE: 04/05/2017  MMEL TABLE KEY  1. REPAIR CATEGORY 2. NUMBER INSTALLED 3. NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS  27. FLIGHT CONTROLS  Sequence No. Item 93-01 PRIMS (Cont'd)  5) PRIM 1 (With Mod. 49144/ MP S16279 and Mod. 200285/ MP S19541 and Mod. 55697/ MP S18547)  C 1 0 (M)(O)Except for ER operations, may be inoperative provided: a) PRIM 1 pb-sw is selected OFF and remains OFF for the entire flight, b) All sidestick transducers associated with both SECs operate normally, c) All SECs, SFCCs, LGCIUs, RAs, ADIRS, and PRIM 3 operate normally, d) The sidestick priority function is checked operative on both sides before each departure, e) Stabilizer actuator electrical motors associated with PRIM 2 and PRIM 3 operate normally, f) Backup control module and rudder control on SEC 1 are verified operative before each departure, g) All pedals position transducer units associated with PRIM 2. PRIM 3, and SEC 1 are verified operative before each departure, h) Elevators controls through operative before each departure, l) Performance penalties for one pair of spoilers inoperative are a	FEDERAL A	VIATION ADMINISTRATIO	N			MASTE	R MINIMUM EQUIPMENT	LIST			
SYSTEM & SEQUENCE NO.  ITEM 1		VIATION ADMINISTRATIC		VISIO	N NC	IO. 17	PAGE NO.				
SYSTEM & SEQUENCE NO. ITEM 1. REPAIR CATEGORY  2. NUMBER REQUIRED FOR DISPATCH  4. REMARKS OR EXCEPTIONS  PRIMS (Cont'd)  5) PRIM 1 (With Mod. 49144/ MP S16279 and Mod. 200285/ MP S19541 and Mod. 55697/ MP S18547)  WP S18547)  C 1 0 (M)(O)Except for ER operations, may be inoperative provided:  a) PRIM 1 pb-sw is selected OFF and remains OFF for the entire flight,  b) All sidestick transducers associated with both SECs operate normally,  c) All SECs, SFCCs, LGCIUs, RAs, ADIRS, and PRIM 3 operate normally,  d) The sidestick priority function is checked operative one protocome and rudder control on SEC 1 are verified operative before each departure,  e) Stabilizer actuator electrical motors associated with PRIM 2 and PRIM 3 operate normally,  f) Backup control module and rudder control on SEC 1 are verified operative before each departure,  h) Elevators controls through and SEC 1 are verified operative before each departure,  h) Elevators controls through and SEC 3 are verified operative before each departure,  h) Elevators controls through and SEC 3 are verified operative before each departure,  h) Elevators controls through and SEC 3 are verified operative before each departure,  h) Elevators controls through are each departure,  h) Elevators controls through are checked operative,  p) Performance penalties for one pair of spoilers inoperative are applied and deactivation of affected spoilers is not necessary, and  k) Approach minimums do not	A330-200	A330-200, A330-200F, A330-300									
SYSTEM & SEQUENCE NO.  27. FLIGHT CONTROLS  27. FLIGHT CONTROLS  Sequence No. Item 1 1 2 3 4			_								
SEQUENCE NO.  ITEM 2. NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS  27. FLIGHT CONTROLS  Sequence No. Item 1 1 2 3 4	SYSTEM &		1. F								
27. FLIGHT CONTROLS  Sequence No. Item 1 1 2 3 4 4 Characteristics provided:  (Cont'd)  5) PRIM 1 (With Mod. 49144/MP 516279 and Mod. 200285/MP 519541 and Mod. 55697/MP 518547)  WP S18547)  By S18547)  C 1 0 (M)(O)Except for ER operations, may be inoperative provided:  a) PRIM 1 pb-sw is selected OFF and remains OFF for the entire flight,  b) All sidestick transducers associated with both SECs operate normally,  c) All SECs, SFCCs, LGCIUs, RAs, ADIRS, and PRIM 3 operate normally,  d) The sidestick priority function is checked operative on both sides before each departure,  e) Stabilizer actuator electrical motors associated with PRIM 2 and PRIM 3 operate normally,  f) Backup control module and rudder control on SEC 1 are verified operative before each departure,  h) Elevators controls through operative provided:  prival 1 parts of the entire flight,  b) All sidestick transducers associated with PRIM 2 and PRIM 3 operate normally,  f) Backup control module and rudder control on SEC 1 are verified operative before each departure,  h) Elevators controls through operative PRIMs and SECs are verified operative before each departure,  h) Elevators controls through operative PRIMs and SECs are verified operative before each departure,  i) Blue and Yellow electric pumps are checked operative,  j) Performance penalties for one pair of spollers inoperative are applied and deactivation of affected spoilers is not necessary, and  k) Approach minimums do not		ITEM		2. [							
27. FLIGHT CONTROLS  Sequence No. Item 1 2 3 4 Control (Control)  5) PRIMS (Control)  FRIM 1 (With Mod. 49144/MP S16279 and Mod. 200285/MP S19541 and Mod. 55697/MP S18547)  WP S18547)  WP S18547)  B All sidestick transducers associated with both SECs operate normally, c) All SECs, SFCCs, LGCIUs, RAs, ADIRS, and PRIM 3 operate normally, d) The sidestick priority function is checked operative on both sides before each departure, e) Stabilizer actuator electrical motors associated with PRIM 2 and PRIM 3 operate normally, f) Backup control module and rudder control on SEC 1 are verified operative before each departure, e) All pedals position transducer units associated with PRIM 2, PRIM 3, and SEC 1 are verified operative before each departure, e) Elevators controls through operative before each departure, e) Blue and Yellow electric pumps are checked operative, j) Performance penalties for one pair of spoilers in operative are applied and deactivation of affected spoilers is not necessary, and k) Approach minimums do not	NO.				J. I						
93-01 PRIMS (Cont'd)  5) PRIM 1 (With Mod. 49144/MP 516279 and Mod. 200285/MP 519541 and Mod. 55697/MP 518547)  When the third is a special with both SECs operate normally, and SECs, SFCCs, LGCIUs, RAs, ADIRS, and PRIM 3 operate normally, d) The sidestick priority function is checked operative on both sides before each departure, e) Stabilizer actuator electrical motors associated with PRIM 2 and PRIM 3 operate normally, f) Backup control module and rudder control on SEC 1 are verified operative before each departure, h) Elevators controls through operative provided:  a) PRIM 1 pb-sw is selected OFF and remains OFF for the entire flight, b) All sidestick transducers associated with both SECs operate normally, d) The sidestick priority function is checked operative on both sides before each departure, e) Stabilizer actuator electrical motors associated with PRIM 2 and PRIM 3 operate normally, f) Backup control module and rudder control on SEC 1 are verified operative before each departure, h) Elevators controls through operative before each departure, h) Elevators controls through operative before each departure, i) Blue and Yellow electric pumps are checked operative, j) Performance penalties for one pair of spollers inoperative are applied and deactivation of affected spoilers is not necessary, and k) Approach minimums do not											
(Cont'd)  5) PRIM 1 (With Mod. 49144/MP S16279 and Mod. 200285/MP S19541 and Mod. 55697/MP S18547)  MP S18547)  MP S18547)   (c) 1 0 (M)(O)Except for ER operations, may be inoperative provided:  a) PRIM 1 p-sw is selected OFF and remains OFF for the entire flight,  b) All sidestick transducers associated with both SECs operate normally,  c) All SECs, SFCCs, LGCIUs, RAs, ADIRS, and PRIM 3 operate normally,  d) The sidestick priority function is checked operative on both sides before each departure,  e) Stabilizer actuator electrical motors associated with PRIM 2 and PRIM 3 operate normally,  f) Backup control module and rudder control on SEC 1 are verified operative before each departure,  g) All pedals position transducer units associated with PRIM 2, PRIM 3, and SEC 1 are verified operative before each departure,  h) Elevators controls through operative before each departure,  b) Elevators controls through operative before each departure,  p) Elevators controls through operative before each departure,  h)	Sequence No.	Item	1	2	3	4		Change			
(With Mod. 49144/MP S16279 and Mod. 20285/MP S19541 and Mod. 55697/MP S18547)  MP S18547  MP	93-01	-									
	5)	(With Mod. 49144/ MP S16279 and Mod. 200285/ MP S19541 and Mod. 55697/	C	1	0	inoperative pr a) PRIM and re flight, b) All side associ operat c) All SE ADIRS norma d) The si checke before e) Stabili motors and Pl f) Backu rudder verified depart g) All pec units a PRIM operat verified depart i) Blue a are ch j) Perfor one pa are ap affecte neces: k) Approx	ovided: 1 pb-sw is selected OFF mains OFF for the entire estick transducers lated with both SECs te normally, Cs, SFCCs, LGCIUs, RAs, S, and PRIM 3 operate ally, destick priority function is ed operative on both sides each departure, zer actuator electrical is associated with PRIM 2 RIM 3 operate normally, in control module and in control on SEC 1 are indicated operative before each departure, associated with PRIM 2, 3, and SEC 1 are verified time before each departure, and SEC 1 are verified time before each departure, and SECs are departive before each departure, and Yellow electric pumps becked operative, mance penalties for air of spoilers inoperative epiled and deactivation of ed spoilers is not sary, and ach minimums do not				

IIS DEPAR	RTMENT OF TRANSPORT	ΑΤΙΟΙ	NI							
			•		MASTER MINIMUM EQUIPMENT LIST					
FEDERAL A	VIATION ADMINISTRATION		/101/	7NI N	NO. 17 PAGE NO.					
					ISION NO. 17 PAGE NO. 27-21					
		ММ	EL T	ABL	LE KEY					
SYSTEM & SEQUENCE NO.	ITEM CONTROLS	1. F	1. REPAIR CATEGORY  2. NUMBER INSTALLED  3. NUMBER REQUIRED FOR DISPATCH  4. REMARKS OR EXCEPTIONS							
Sequence No.	Item	1	2	3	4 Change Bar					
93-01	PRIMs (Cont'd)									
6)	PRIM 1 (With Mod. 44385/ MP S13080 and Mod. 55439/ MP S18649 and Mod. 55696/ MP S18546 and Mod. 201687/ MP S31873 and Mod. 201688/ MP S31874	C	1	0	<ul> <li>(M)(O) Except for ER operations, may be inoperative provided: <ul> <li>a) PRIM 1 pb-sw is selected OFF and remains OFF for the entire flight,</li> <li>b) All Sidestick transducers associated with both SECs operate normally,</li> <li>c) All SECs, SFCCs, LGCIUs, RAs, ADIRs, and PRIM 3 operate normally,</li> <li>d) The Sidestick priority function is checked operative on both sides before each departure,</li> <li>e) Stabilizer actuator electrical motors associated with PRIM 2 and PRIM 3 operate normally,</li> <li>f) Elevators controls through operative PRIMs and SECs are verified operative before each departure,</li> <li>g) Performance penalties for one pair of spoilers inoperative are applied and deactivation of affected spoilers is not necessary, and</li> <li>h) Approach minimums do not require its use.</li> </ul> </li> <li>(Continued)</li> </ul>					

FEDERAL AV AIRCRAFT: A330-200, SYSTEM &	TMENT OF TRANSPORT  /IATION ADMINISTRATIO  A330-200F, A330-300	N <u>C</u>	, VISIO	281 N	MASTER MINIMUM EQUIPMENT LIST					
AIRCRAFT: A330-200, SYSTEM &			VISIO	N I N I	DAGE NO.					
A330-200,	A330-200F, A330-300	IXL	v 1010		M() 1/   D((2E N())					
					NO. 17 PAGE NO. 27-22					
		ММ	EL T	ABL	LE KEY					
SEQUENCE NO.	ITEM		REPA	AIR ( NUM	CATEGORY IBER INSTALLED NUMBER REQUIRED FOR DISPATCH					
27. FLIGHT (	CONTROLS	4. REMARKS OR EXCEPTIONS								
Sequence No.	Item	1	2	3	4 Change					
93-01	PRIMs		_		# Bar					
7)	(Cont'd) PRIM 3 (Without Mod. 49144	C	1	0	<ul> <li>(M)(O) May be inoperative provided: <ul> <li>a) PRIM 3 pb-sw is selected OFF and remains OFF for the entire flight,</li> <li>b) All sidestick transducers associated with both SECs operate normally,</li> <li>c) All SECs, SFCCs, LGCIUs, RAs, ADIRS, and PRIM 1 operate normally,</li> <li>d) Stabilizer actuator electrical motors associated with PRIM 1 and PRIM 2 operate normally, and</li> <li>e) Performance penalties for two pairs of spoilers (Surface 1 and 2) inoperative are applied and deactivation of affected spoilers is not necessary.</li> </ul> </li> <li>(Continued)</li> </ul>					

U.S. DEPAR	TMENT OF TRANSPORTA	AHOI	N		MASTE	ER MINIMUM EQUIPMENT	LIST				
	VIATION ADMINISTRATIO										
AIRCRAFT:	4000 000F 4000 000	RE\			O. 17	PAGE NO.					
A330-200,	A330-200F, A330-300				4/05/2017	27-23					
		_			E KEY						
SYSTEM &		1. F			CATEGORY BER INSTALL	FD					
SEQUENCE	ITEM		2. 1			UIRED FOR DISPATCH					
NO.				53.4		OR EXCEPTIONS					
27. FLIGHT (	27. FLIGHT CONTROLS										
Sequence No.	Item	1	2	3	4		Change Bar				
93-01	PRIMs (Cont'd)										
8)	PRIM 3 (With Mod. 49144 and Mod. 52950 and Mod. 58118 and Mod. 200667)	C	1	0	a) PRIM and reflight, b) All side associoperate c) All SE ADIRS norma d) Stabilior motors and Plee Backurdee verifier before f) All performation operate departed by Price and Plee anormatic field before for two performatic field before departed for the performatic field before departed for the performatic field before anormatic field before departed for the performatic field	zer actuator electrical is associated with PRIM 1 RIM 2 operate normally, up control module and in control on SEC 1 are id to operate normally eleach departure, idals position transducer associated with PRIM 1, 2, and SEC 1 are verified erate normally before each ture, electric pump operates ally, and imance penalties for airs of spoilers idea and deactivation of ed spoilers is not					

U.S. DEPAR	RTMENT OF TRANSPORT	ATIO	N		MASTER MINIMUM EQUIPMENT LIST
FEDERAL A	AVIATION ADMINISTRATION	NC			MASTER MINIMON EQUIPMENT EIST
AIRCRAFT:	), A330-200F, A330-300	RE'			IO. 17 PAGE NO. 27-24
71000 200	7, 7,000 2001 , 7,000 000	ММ			.E KEY
					CATEGORY
SYSTEM & SEQUENCE	ITEM		2. 1	MUN	BER INSTALLED
NO.	I I LIVI			3.1	NUMBER REQUIRED FOR DISPATCH
27 FLICHT	CONTROLS				4. REMARKS OR EXCEPTIONS
Sequence No.	Item	1	2	3	4 Change
93-02	PRIM pb-sw		_		4 Bar
	•				
1)	FAULT Lights	С	3	0	(O) May be inoperative provided associated F/CTL PRIM 1(2)(3) FAULT caution on ECAM E/WD and associated PRIM 1(2)(3) indication on ECAM F/CTL page are operative.
2)	OFF Lights	С	3	0	
93-03	Indications on ECAM F/CTL Page				
1)	PRIM	С	3	0	
93-05	Turbulence Damping Function	С	1	0	May be inoperative provided TURB DAMP pb-sw is selected off.
93-06	TURB DAMP pb-sw				
1)	OFF Light	С	1	0	

FEDERAL A	VIATION ADMINISTRATION	NC			MASTE	ER MINIMUM EQUIPMENT	LIST
AIRCRAFT:			_		IO. 17	PAGE NO.	
A330-200	o, A330-200F, A330-300				4/05/2017	27-25	
					.E KEY CATEGORY		
SYSTEM &		1. [			BER INSTALL	FD	
SEQUENCE NO.	ITEM			_		UIRED FOR DISPATCH	
NO.				\$50.00	4. REMARKS	OR EXCEPTIONS	
27. FLIGHT	CONTROLS						
Sequence No.	Item	1	2	3	4		Chang Bar
94-01	SECs						
1)	SEC 1 (Without Mod. 49144)	С	1	0	a) SEC 1 and re flight, b) All sid assoc norma c) All PR RAs, a norma d) FCDC norma e) Perfor one pa are ap affecte neces f) Appro require	RIMs, SFCCs, LGCIUs, and ADIRS operate ally, 2 and FWC 2 operate ally, 2 mance penalties for air of spoilers inoperative oplied and deactivation of ed spoilers is not esary, and each minimums do not e its use.	
2)	SEC 1 (With Mod. 49144)	C	1	0	a) SEC 1 and re flight, b) All sid assoc norma c) All PR RAs, a norma d) Perfor one pa are ap affecte neces e) Appro	RIMs, SFCCs, LGCIUs, and ADIRS operate	

AIRCRAFT:	VIATION ADMINISTRATION				O. 17	PAGE NO.	
A330-200	, A330-200F, A330-300				4/05/2017	27-26	
					E KEY		
SYSTEM &		1. [			CATEGORY BER INSTALL	ED	
SEQUENCE	ITEM		2. 1			QUIRED FOR DISPATCH	
NO.				3.1		S OR EXCEPTIONS	
27. FLIGHT	CONTROLS						
Sequence No.	Item	1	2	3	4		Cha
94-02	SEC pb-sw						
1)	FAULT Lights	С	2	0	associated Facution on E	noperative provided /CTL SEC 1(2) FAULT CAM E/WD and associated ication on ECAM F/CTL erative.	
2)	OFF Lights	С	2	0			
94-03	Indications on ECAM F/CTL Page						
1)	SEC	С	2	0			
95-01	FCDCs	С	2	1	(M) FCDC 2	may be inoperative.	

U.S. DEPAR	TMENT OF TRANSPORTA	ATIOI	N		MΔSTF	ER MINIMUM EQUIPMENT LIST
FEDERAL A	VIATION ADMINISTRATIO	N			MAGTE	
AIRCRAFT: A330-200,	, A330-200F, A330-300	RE'			IO. 17 4/05/2017	PAGE NO. 28-1
		ММ	EL T	ABL	E KEY	
SYSTEM & SEQUENCE NO.	ITEM	1. F		MUN		ED UIRED FOR DISPATCH S OR EXCEPTIONS
28. FUEL						
Sequence No.	Item	1	2	3	4	Change Bar
12-01	Overpressure Protectors					
1)	Wing Surge Tanks	С	2	0	(O) May be da	amaged or missing.
2)	Trim Surge Tank	С	1	0	May be dama	aged or missing.
3)	Center Tank (A330-200, A330-200F, A330-200F with Mod. 58623/ MP H16147 and Mod. 200281/ MP H1615, A330-300 with Mod. 204025/ MP H166901)	В	1	0	provided:  a) The croperate page, b) Both cooperate cooperate quantion the door the function according to the cooperate cooper	center tank fuel pumps are
21-01	Inner Tank Pumps					
1)	Main	С	4	3	120 minutes, inoperative pr a) The cr norma b) 4,400 consid	r ER operations beyond one main pump may be rovided: rossfeed valve operates ally, and lbs. (2,000 kg) of fuel is dered unusable in the iated tank.

AIRCRAFT:	VIATION ADMINISTRATIO	_			0. 17	PAGE NO.	
A330-200	, A330-200F, A330-300				4/05/2017	28-2	
					E KEY CATEGORY		
SYSTEM & SEQUENCE NO.	ITEM	''		NUM	BER INSTALL NUMBER REQ	ED UIRED FOR DISPATCH S OR EXCEPTIONS	
28. FUEL		<u> </u>			4. INDIVIANIC	OK EXOLI HONO	
Sequence No.	Item	1	2	3	4		Change
23-01	Crossfeed Valve						Dai
1)	A330-300, A330-200F with Mod. 58623/ MP H16147	В	1	0	be inoperative provided:  a) Both coperate b) Both in operate c) All fue	et for ER operations, may e in the closed position outer tanks inlet valves te normally, nner tanks inlet valves te normally, and el quantity indications te normally on the FUEL age.	
2)	A330-200, A330-200F, A330-200F with Mod. 58623/ MP H16147 and Mod. 200281/ MP H16151, A330-300 with Mod. 204025/ MP H16690	В	1	0	be inoperative provided:  a) Both coperate b) Both in operate c) Both coperate fuel in d) All fue	to the closed position outer tanks inlet valves the normally, the normally, the normally, the normally when there is the center tank transfer pumps the center tank, and the quantity indications the normally on the FUEL tage.	
25-01	LOAD Fuel Preselector	C	-	0	· , ,	noperative provided cedures are developed and	

U.S. DEPAR	TMENT OF TRANSPORT	ATIOI	N				
FEDERAL A	VIATION ADMINISTRATIO	N			MASTE	R MINIMUM EQUIPMENT LIS	ST
AIRCRAFT:	A330-200F, A330-300				O. 17 4/05/2017	PAGE NO. 28-3	
A330-200,	A330-200F, A330-300	8484				20-3	
80-90 (March 2014) - 200-2014 (March 2014)		_			E KEY CATEGORY		
SYSTEM &	ITEM 4				BER INSTALL	ED	
SEQUENCE NO.	ITEM			3. 1		UIRED FOR DISPATCH	
M*************************************					4. REMARKS	OR EXCEPTIONS	
28. FUEL	Item		2	3	4	Cr	hange
Sequence No.		1					Bar
25-02	Fuel Quantity Panel (Refueling)	С	-	0	inoperative pr monitoring of	indications may be rovided continuous fuel quantity is applied ng or defueling.	
25-03	High Level Detection System						
1)	Outer Tanks	С	2	0		rative provided continuous fuel quantity is applied ng.	
2)	Inner Tanks						
a)	A330-300, A330-200F With Mod. 58623/ MP H16147	С	2	0	a) Contin quanti refueli b) Inner t	rative provided: nuous monitoring of fuel ty is applied during ng, and tank fuel quantity tions are operative in the it.	
b)	A330-200, A330-200F, A330-200F With Mod. 58623/ MP H16147 and Mod. 200281/ MP H16151, A330-300 With Mod. 204025/ MP H16690	С	2	0	a) Contin quanti refueli b) Inner t indicat cockpi c) Cente OFF.	tank fuel quantity tions are operative in the	
					(Continued)		

AIRCRAFT:	VIATION ADMINISTRATIO				O. 17	PAGE NO.	
A330-200	, A330-200F, A330-300				4/05/2017	28-4	
					E KEY		
SYSTEM &		1. [			CATEGORY BER INSTALL	ED.	
SEQUENCE	ITEM		2. 1			UIRED FOR DISPATCH	
NO.				0		OR EXCEPTIONS	
28. FUEL					'		
Sequence No.	Item	1	2	3	4		Chang Bar
25-03	High Level Detection System (Cont'd)						
3)	Center Tank (A330-200, A330-200F, A330-200F With Mod. 58623/ MP H16147 and Mod. 200281/ MP H1615, A330-300 With Mod. 204025/ MP H166901)	С	1	0		erative provided continuous fuel quantity is applied ng.	
4)	Trim Tank	С	1	0		noperative provided onitoring of fuel quantity is g refueling.	

	VIATION ADMINISTRATION					1
AIRCRAFT: A330-200,	A330-200F, A330-300	RE\			O. 17 4/05/2017	PAGE NO. 28-5
		ММ	EL T	ABL	E KEY	
SYSTEM & SEQUENCE NO.	ITEM	1. F		MUŅ		ED QUIRED FOR DISPATCH S OR EXCEPTIONS
28. FUEL						
Sequence No.	Item	1	2	3	4	Cha B
25-04	Inlet Valves					
1)	Inner Tanks					
а)	A330-300, A330-200F wWth Mod. 58623/ MP H16147	С	2	0	position provi a) There fuel in unusa taken detern b) Fuel ir consid planni c) Assoc	te inoperative in closed ded: is no fuel in trim tank or a trim tank is considered able, part of ZFW, and is into account for CG mination, associated outer tank is dered as unusable for flighting, and ciated outer to inner transfer operates normally.
b)	A330-200, A330-200F With Mod. 58623/ MP H16147 and Mod. 200281/ MP H16151, A330-300 With Mod. 204025/ MP H16690	С	2	0	position provi a) There trim ta trim ta unusa taken detern b) Fuel ir consid planni c) Assoc	te inoperative in closed ded: is no fuel in center and anks or fuel in center and anks is considered able, part of ZFW, and is into account for CG mination, associated outer tank is dered as unusable for flighting, and ciated outer to inner transfer operates normally.
2)	Center Tank (A330-200, A330-200F, A330-200F With Mod. 58623/ MP H16147 and Mod. 200281/ MP H16151, A330-300 With Mod. 204025/ MP H16690)	С	1	0	position provi transfer from carried out as	te inoperative in closed ded manual forward trim tank to center tank is soon as possible after pitch angle is less than

FEDERAL A' AIRCRAFT:	VIATION ADMINISTRATIO		VISIO	A NC	IO. 17	PAGE NO.	
	A330-200F, A330-300				4/05/2017	28-6	
					E KEY		
SYSTEM & SEQUENCE NO.	ITEM	1. F	$\overline{}$	MUN		ED UIRED FOR DISPATCH OR EXCEPTIONS	
28. FUEL			<u> </u>	<u> </u>	4. INDIVIANIO	ON EXCELLIONS	
Sequence No.	Item	1	2	3	4		Change Bar
25-04	Inlet Valves (Cont'd)						
3)	Trim Tank	С	1	0	position provided a) Trim to selected b) There fuel in unusa taken	e inoperative in closed ded: ank isolation valve is ed closed, and is no fuel in trim tank or trim tank is considered ble, part of ZFW, and is into account for CG nination.	
4)	Outer Tanks	С	2	0	position provide a) Assoce b) Fuel in consider planning c) Assoce	operative in closed ded: iated tank is full, n associated tank is lered as unusable for flight ng, and iated outer to inner transfer operates normally.	
a)	A330-300	A	2	0	position for a provided:  a) MTOW (200,0) b) The M 361,55 c) The furany, is	e inoperative in closed maximum of three flights  V is limited to 440,900 lbs. 1000 kg), 12FW is limited to 50 lbs. (164,000 kg), and 11el in the associated tank, if a considered as not usable 11el in the planning purposes.	
b)	A330-200, A330-200F, A330-300 With Mod. 204025/ MP H16690	A	2	0	position for a provided the f	e inoperative in closed maximum of three flights uel in the associated tank as not usable for flight oses.	

	RE\	VISIO	N NC	NO. 17 PAGE NO.	
, A330-200F, A330-300		DAT	E: 0	14/05/2017 28-7	
ITEM	1. F		MUŅ	IBER INSTALLED NUMBER REQUIRED FOR DISPATCH	
				4. REMARKS ON EXCENTIONS	
Item	1	2	3	4	Change
Refuel Isolation Valves					Dui
Without Mod. 40176/ MP H12051	С	1	0	(M) May be inoperative in closed position provided gravity overwing refueling into inner tanks is carried out.	
<b>2)</b> With Mod. 40176/	С	1	0	provided the associated refueling	
With Mod. 40176/ MP H12051	С	2	1	One may be inoperative in closed position.	
	С	2	0	(M) May be inoperative in closed position provided gravity overwing refueling into inner tanks is carried out.	
	С	2	0	provided the associated refueling	
Other Controls and Indicators (Refuel/Defuel Panel)	С	-	0		
	ITEM  Refuel Isolation Valves  Without Mod. 40176/ MP H12051  With Mod. 40176/ MP H12051  Other Controls and Indicators	MM ITEM  Item Item I Refuel Isolation Valves Without Mod. 40176/ MP H12051  C  With Mod. 40176/ MP H12051  C  Other Controls and Indicators  C	NA330-200F, A330-300   DA1     MMEL T	NA330-200F, A330-300   DATE: 0     MMEL TABL	MMEL TABLE KEY   1. REPAIR CATEGORY   2. NUMBER INSTALLED   3. NUMBER REQUIRED FOR DISPATCH   4. REMARKS OR EXCEPTIONS   4. Refuel Isolation Valves   Without Mod. 40176/ MP H12051   C   1   0   (M) May be inoperative in closed position provided gravity overwing refueling into inner tanks is carried out.   C   1   0   (M) May be inoperative in open position provided the associated refueling coupling check valves operate normally and coupling caps are installed.   With Mod. 40176/ MP H12051   C   2   1   One may be inoperative in closed position.   C   2   0   (M) May be inoperative in closed position provided gravity overwing refueling into inner tanks is carried out.   C   2   0   (M) May be inoperative in closed position provided gravity overwing refueling into inner tanks is carried out.   C   2   0   (M) May be inoperative in open position provided the associated refueling coupling check valves operate normally and coupling caps are installed.   Other Controls and Indicators   May be inoperative provided fueling and defueling procedures do not require the

AIRCRAFT:	VIATION ADMINISTRATIO				IO. 17	PAGE NO.
A330-200	), A330-200F, A330-300				4/05/2017	28-8
SYSTEM & SEQUENCE NO.	ITEM		REP	AIR ( NUM		ED QUIRED FOR DISPATCH S OR EXCEPTIONS
Sequence No.	Item	1	2	3	4	Cr
25-07	Refueling Coupling Check Valves					
1)	Without Mod. 40176/ MP H12051	С	2	1	a) The a valve b) Refue the op valve, c) The d valve d) Both of	be inoperative provided: ssociated refuel isolation operates normally, eling is performed through perative coupling check defective coupling check is sealed, and coupling caps are installed o fuel leak is detected.
2)	With Mod. 40176/ MP H12051	С	4	2	on one refuel inoperative properative properative properative properative properative properation (a) The archeology and the control of the c	oth coupling check valves coupling may be rovided: ssociated refuel isolation operates normally, efective coupling check is sealed, ssociated refuel coupling is sed, and coupling caps are installed o fuel leak is detected.
26-01	Outer to Inner Transfer Valves	С	2	0	position provi a) Associated Asso	ciated outer tank is full, ciated outer and inner tank valves operate normally, n associated outer tank is dered unusable for flight

RTMENT OF TRANSPORTA	AT IOI	N		MASTE	ER MINIMUM EQUIPMENT L	JIST
AVIATION ADMINISTRATIO		//01/	7010			
), A330-200F, A330-300	KE				28-9	
	MM	EL T	ABL	E KEY		
ITEM	1. F	$\overline{}$	NUM	BER INSTALL NUMBER REQ	UIRED FOR DISPATCH	
				4. REMARKS	OR EXCEPTIONS	
Item	1	2	3	4		Chang
Outer to Inner Transfer Valves (Cont'd)						Bai
A330-300	A	2	0	for a maximum a) MTOV (200,0 b) The M	m of three flights provided: V is limited to 440,900 lbs. 000 kg), and IZFW is limited to	
A330-200, A330-200F	A	2	0			
Center Tank Transfer Pumps (A330-200, A330-200F, A330-200F With Mod. 58623/MP H16147 and Mod. 200281/ MP H16151, A330-300 With Mod. 204025/ MP H16690)	С	2	1			
	С	2	1	routes allow a airport if the re	a landing at a suitable emaining center tank	
	С	2	1	33,080 lbs. (1	5,000 kg) are considered	
	С	2	0	no fuel in the remaining in 0 33,080 lbs. (1 unusable, par	center tank or fuel center tank up to [5,000 kg) is considered rt of ZFW, and is taken into	
	ITEM  Item  Outer to Inner Transfer Valves (Cont'd)  A330-200, A330-200F  Center Tank Transfer Pumps (A330-200, A330-200F, A330-200F, A330-200F)  A330-200F With Mod. 58623/MP H16147 and Mod. 200281/MP H16151, A330-300 With Mod. 204025/	Item	National N	REVISION N DATE: 0	REVISION NO. 17	REVISION NO. 17   DATE: 04/05/2017   PAGE NO. 28-9

A330-200, A330-200F, A330-300    MMEL TABLE KEY		VIATION ADMINISTRATION				MASTER MINIMUM EQUIPMENT LIST
SYSTEM & SEQUENCE NO.  ITEM Sequence No.  INM(NO) May be inoperative in closed position.  INOTE: When both aft transfer valves are inoperative in closed position, jettison (if installed) from wing tanks is inoperative.  ITEM Sequence No.  ITEM Sequence No.  ITEM Sequence No.  ITEM Sequence No.  INM(NO) May be inoperative in closed position provided:  a) Auxiliary forward transfer valve operates normally, and b) Manual forward transfer from trim tank to inner tanks is carried out as soon as possible after takeoff when pitch angle is less than 3 degrees.  ITEM Sequence No.  ITEM Sequence No.  INM(NO) May be inoperative in closed position provided there is no fuel in trim tank to fuel in trim tank is considered as unusable, part of ZFW, and is taken into	AIRCRAFT: A330-200	, A330-200F, A330-300	RE\			
SYSTEM & SEQUENCE NO.  ITEM Sequence No.  INM(NO) May be inoperative in closed position, jettison (if installed) from wing tanks is inoperative.  ITEM Sequence No.  INM(NO) May be inoperative in closed position provided:  a) Auxiliary forward transfer valve operates normally, and b) Manuall forward transfer from trim tank to inner tanks is carried out as soon as possible after takeoff when pitch angle is less than 3 degrees.  ITEM Sequence No.  ITEM Sequence No.  INM(NO) May be inoperative in closed position provided there is no fuel in trim tank or fuel in trim tank is considered as unusable, part of ZFW, and is taken into	<u> </u>	<u> </u>	ММ	EL T	ABL	E KEY
Sequence No.   Item	SEQUENCE	ITEM		REP	AIR O	CATEGORY IBER INSTALLED NUMBER REQUIRED FOR DISPATCH
27-01 Trim Tank Isolation Valve  C 1 0 (M)(O) May be inoperative in closed position provided:  a) Trim tank inlet valve is selected closed, and b) There is no fuel in trim tank or fuel in trim tank is considered unusable, part of ZFW, and is taken into account for CG determination.  27-02 Aft Transfer Valves  C 2 0 (M)(O) May be inoperative in closed position.  NOTE: When both aft transfer valves are inoperative in closed position, jettison (if installed) from wing tanks is inoperative.  27-03 Trim Pipe Isolation Valve  1) A330-300, A330-200F With Mod. 58623/ MP H16147  C 1 0 (M)(O) May be inoperative in closed position provided: a) Auxiliary forward transfer valve operates normally, and b) Manual forward transfer from trim tank to inner tanks is carried out as soon as possible after takeoff when pitch angle is less than 3 degrees.  C 1 0 (M)(O) May be inoperative in closed position provided there is no fuel in trim tank to fuel in trim tank to sconsidered as unusable, part of ZFW, and is taken into	28. FUEL		·			
Valve  Valve    Desition provided:   a) Trim tank inlet valve is selected closed, and   b) There is no fuel in trim tank or fuel in trim tank is considered unusable, part of ZFW, and is taken into account for CG determination.    C   2   0   (M)(O) May be inoperative in closed position.   NOTE: When both aft transfer valves are inoperative in closed position, jettison (if installed) from wing tanks is inoperative.    Trim Pipe Isolation Valve	Sequence No.	Item	1	2	3	4 Chang Bar
position.  NOTE: When both aft transfer valves are inoperative in closed position, jettison (if installed) from wing tanks is inoperative.  1) A330-300, A330-200F With Mod. 58623/ MP H16147  C 1 0 (M)(O) May be inoperative in closed position provided:  a) Auxiliary forward transfer valve operates normally, and b) Manual forward transfer from trim tank to inner tanks is carried out as soon as possible after takeoff when pitch angle is less than 3 degrees.  C 1 0 (M)(O) May be inoperative in closed position provided there is no fuel in trim tank or fuel in trim tank is considered as unusable, part of ZFW, and is taken into	27-01		С	1	0	position provided:  a) Trim tank inlet valve is selected closed, and b) There is no fuel in trim tank or fuel in trim tank is considered unusable, part of ZFW, and is taken into account for CG
Valve  1) A330-300, A330-200F With Mod. 58623/ MP H16147  C 1 0 (M)(O) May be inoperative in closed position provided:  a) Auxiliary forward transfer valve operates normally, and b) Manual forward transfer from trim tank to inner tanks is carried out as soon as possible after takeoff when pitch angle is less than 3 degrees.  C 1 0 (M)(O) May be inoperative in closed position provided there is no fuel in trim tank or fuel in trim tank is considered as unusable, part of ZFW, and is taken into	27-02	Aft Transfer Valves	С	2	0	position.  NOTE: When both aft transfer valves are inoperative in closed position, jettison (if installed)
With Mod. 58623/ MP H16147  a) Auxiliary forward transfer valve operates normally, and b) Manual forward transfer from trim tank to inner tanks is carried out as soon as possible after takeoff when pitch angle is less than 3 degrees.  C 1 0 (M)(O) May be inoperative in closed position provided there is no fuel in trim tank or fuel in trim tank is considered as unusable, part of ZFW, and is taken into	27-03	•				
position provided there is no fuel in trim tank or fuel in trim tank is considered as unusable, part of ZFW, and is taken into	1)	With Mod. 58623/	С	1	0	position provided:  a) Auxiliary forward transfer valve operates normally, and b) Manual forward transfer from trim tank to inner tanks is carried out as soon as possible after takeoff when pitch angle is less
			С	1	0	position provided there is no fuel in trim tank or fuel in trim tank is considered as unusable, part of ZFW, and is taken into

ATION ADMINISTRATIO  330-200F, A330-300  ITEM  Trim Pipe Isolation  (alve Cont'd)  330-200, A330-200F,  330-200F With  Mod. 58623/ MP H16147 and  Mod. 200281/ MP H16151, A330-300  Vith Mod. 204025/ MP H16690	RE\	DAT EL T	E: 0- ABL AIR (	MASTER MINIMUM EQUIPMENT LIST  NO. 17 04/05/2017  PAGE NO. 28-11  LE KEY  CATEGORY MBER INSTALLED  NUMBER REQUIRED FOR DISPATCH  4. REMARKS OR EXCEPTIONS  Change Bar  (M)(O) May be inoperative in closed
ITEM  Frim Pipe Isolation (alve Cont'd)  330-200, A330-200F, 330-200F With Mod. 58623/ MP H16147 and Mod. 200281/ MP H16151, A330-300 With Mod. 204025/	1 1	DAT EL T REPA 2. N	AIR (NUM)	D4/05/2017 28-11  LE KEY  CATEGORY  MBER INSTALLED  NUMBER REQUIRED FOR DISPATCH  4. REMARKS OR EXCEPTIONS  Change Bar  (M)(O) May be inoperative in closed
rim Pipe Isolation /alve Cont'd) .330-200, A330-200F, .330-200F With Mod. 58623/ MP H16147 and Mod. 200281/ MP H16151, A330-300 Vith Mod. 204025/	1. F	2. N	3. N	CATEGORY MBER INSTALLED NUMBER REQUIRED FOR DISPATCH  4. REMARKS OR EXCEPTIONS  Change Bar  (M)(O) May be inoperative in closed
rim Pipe Isolation /alve Cont'd) .330-200, A330-200F, .330-200F With Mod. 58623/ MP H16147 and Mod. 200281/ MP H16151, A330-300 Vith Mod. 204025/	1	2. 1	3. N 3. N	MBER INSTALLED  NUMBER REQUIRED FOR DISPATCH  4. REMARKS OR EXCEPTIONS  Change Bar  (M)(O) May be inoperative in closed
rim Pipe Isolation (alve Cont'd) .330-200, A330-200F, .330-200F With Mod. 58623/ MP H16147 and Mod. 200281/ MP H16151, A330-300 With Mod. 204025/				4 Change Bar  (M)(O) May be inoperative in closed
rim Pipe Isolation (alve Cont'd) .330-200, A330-200F, .330-200F With Mod. 58623/ MP H16147 and Mod. 200281/ MP H16151, A330-300 With Mod. 204025/				(M)(O) May be inoperative in closed
Yalve Cont'd)  330-200, A330-200F, 330-200F With Mod. 58623/ MP H16147 and Mod. 200281/ MP H16151, A330-300 With Mod. 204025/	С	1	0	
M330-200F With Mod. 58623/ MP H16147 and Mod. 200281/ MP H16151, A330-300 With Mod. 204025/	С	1	0	
				position provided manual forward transfer from trim tank to center tank is carried out as soon as possible after takeoff when pitch angle is less than 3 degrees.
uxiliary Forward ransfer Valve				
.330-300, A330-200F Vith Mod. 58623/ MP H16147	С	1	0	(M)(O) May be inoperative in closed position provided manual forward transfer from trim tank to inner tanks is carried out as soon as possible after takeoff when pitch angle is less than 3 degrees.
A330-200, A330-200F, A330-200F With Mod. 58623/ MP H16147 and Mod. 200281/ MP H16151, A330-300 Vith Mod. 204025/ MP H16690	С	1	0	(M)(O) May be inoperative in closed position provided there is no fuel in trim tank or fuel in trim tank is considered as unusable, part of ZFW, and is taken into account for CG determination.
rim Tank Transfer Pump	С	1	0	
				NOTE: FWD transfers are inhibited when positive pitch angle is more than 3 degrees.
	330-200F With lod. 58623/ IP H16147 and lod. 200281/ IP H16151, A330-300 /ith Mod. 204025/ IP H16690 rim Tank Transfer	330-200F With lod. 58623/ IP H16147 and lod. 200281/ IP H16151, A330-300 /ith Mod. 204025/ IP H16690 rim Tank Transfer	330-200F With lod. 58623/ IP H16147 and lod. 200281/ IP H16151, A330-300 /ith Mod. 204025/ IP H16690 rim Tank Transfer C 1	330-200F With lod. 58623/ IP H16147 and lod. 200281/ IP H16151, A330-300 /ith Mod. 204025/ IP H16690  rim Tank Transfer  C 1 0

AIRCRAFT: A330-200, A3  SYSTEM & SEQUENCE NO.  28. FUEL  Sequence No. Iter 27-06 Tr  1) A3 A3 M6	TION ADMINISTRATIO 330-200F, A330-300				O. 17	R MINIMUM EQUIPMENT PAGE NO.			
A330-200, A3  SYSTEM & SEQUENCE NO.  28. FUEL  Sequence No. Iter  27-06 Tr  1) A3  A3	330-200F, A330-300	RE\			O. 17	PAGE NO.			
SEQUENCE NO.           28. FUEL         Sequence No.         Iter           27-06         Tr         1)         A3 A3 M6			DATE: 04/05/2017 28-12  MEL TABLE KEY						
SEQUENCE NO.         Iter           28. FUEL         Sequence No.         Iter           27-06         Tr         A3 A3 M6		MM	EL T	ABL	E KEY				
27-06 Tr  1) A3  A3  M6	ITEM	1. F		MUN		ED UIRED FOR DISPATCH OR EXCEPTIONS			
27-06 Tr 1) A3 A3 Mc									
<b>1)</b> A3 A3 Mo	m	1	2	3	4		Change Bar		
A3 Me	rim/APU Fuel Line								
	330-200, A330-200F, 330-300 With od. 204025/ P H16690	C	1	0	inoperative pr a) There the trir b) There fuel lin c) The Al deactiv positio d) The au valve i positio e) The tri deactiv positio f) The tri g) The Al and Al h) Absen trim/Al	is no structural leak from m tank, is no fuel in the trim/APU nes and in the trim tank, PU isolation valve is vated in the closed on, uxiliary forward transfer is deactivated in the closed on, im pipe isolation valve is vated in the closed			

FEDERAL A	VIATION ADMINISTRATI	ON				
AIRCRAFT:	, A330-200F, A330-300	RE\			O. 17 PAGE NO. 4/05/2017 28-13	
A330-200	, A330-2001 , A330-300					
SYSTEM & SEQUENCE NO.  28. FUEL Sequence No.	ITEM		REP/	AIR (	LE KEY CATEGORY BER INSTALLED NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS	Chang
27-06	Trim/APU Fuel Line		_		-	Bar
2)	(Cont'd) A330-300	С	1	0	(M)(O) The trim/APU fuel line may be inoperative provided:	
					<ul> <li>a) There is no structural leak from the trim tank,</li> <li>b) The fuel leak is confirmed not originated from the center box,</li> <li>c) There is no fuel in the trim/APU fuel lines and in the trim tank,</li> <li>d) The APU isolation valve is deactivated in the closed position,</li> <li>e) The auxiliary forward transfer valve is deactivated in the closed position,</li> <li>f) The trim pipe isolation valve is deactivated in the closed position,</li> <li>g) The trim tank is isolated,</li> <li>h) The APU pb-sw is set to OFF and APU is not used, and</li> <li>i) Absence of fuel leak at the trim/APU drain mast is checked during each crew walk-around.</li> </ul>	
31-01 ***	Jettison Valves (A330-200)	D	2	0	(M) May be inoperative provided jettison system is considered inoperative.	
31-02 ***	Jettison System (A330-200)	D	1	0	May be inoperative provided FUEL JETTISON NOT CLOSED caution is not displayed on ECAM E/WD.	l
40-01	INR TANK pb-sw					
1)	FAULT Lights	С	6	0	May be inoperative provided associated pump indication operates normally on ECAM FUEL page.	
2)	OFF Lights	С	6	0		

SYSTEM & SEQUENCE NO. 28. FUEL	ITEM  ITEM  CTR TANK L(R) Pump pb-sw (A330-200, A330-200F,	ММ	DAT EL T REPA	E: 0	IO. 17 4/05/2017  PAGE NO. 28-14  LE KEY  CATEGORY IBER INSTALLED NUMBER REQUIRED FOR DISPATCH	
SEQUENCE NO.  28. FUEL  Sequence No.	Item  CTR TANK L(R) Pump pb-sw	1. F	REP/	AIR (	CATEGORY IBER INSTALLED	
SEQUENCE NO.  28. FUEL  Sequence No.	Item  CTR TANK L(R) Pump pb-sw			NUM	BER INSTALLED	
Sequence No.	CTR TANK L(R) Pump pb-sw	1			4. REMARKS OR EXCEPTIONS	
	pb-sw		2	3	4	Chang Bar
	A330-200F With Mod. 58623/MP H16147 and Mod. 200281/ MP H16151, A330-300 With Mod. 204025/ MP H16690)					Ddl
1)	FAULT Lights	С	2	0	May be inoperative provided associated pump indication operates normally on ECAM FUEL page.	
2)	OFF Lights	С	2	0		
40-03	T. TANK MODE pb-sw					
1)	FAULT Light	С	1	0		
2)	FWD Light	С	1	0		
40-04	CTR TANK XFR pb-sw (A330-200, A330-200F, A330-200F With Mod. 58623/MP H16147 and Mod. 200281/MP H16151, A330-300 With Mod. 204025/MP H16690)					
1)	FAULT Light	С	1	0		
2)	MAN Light	С	1	0		
40-06	OUTR TK XFR pb-sw					
1)	FAULT Light	С	1	0		
2)	ON Light	С	1	0		

	AVIATION ADMINISTRATION	_					
AIRCRAFT: A330-200	), A330-200F, A330-300	RE\			O. 17 PAGE NO. 28-15		
		MM	EL T	ABL	E KEY		
SYSTEM & SEQUENCE NO.	ITEM	1. F		AIR CATEGORY NUMBER INSTALLED  3. NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS			
28. FUEL							
Sequence No.	Item	1	2	3	4	Chang Bar	
40-07	INR TK SPLIT pb-sw					<u>.</u>	
1)	SHUT Lights	С	2	0	(M) May be inoperative provided associated emergency inner tank isolation valve closure function is verified to operate normally prior to each departure.		
2)	ON Lights	С	2	0			
<b>40-08</b> ***	JETTISON ARM pb-sw (A330-200)						
1)	ON Light	С	1	0			
40-09 ***	JETTISON ACTIVE pb-sw (A330-200)						
1)	OPEN Light	С	1	0	May be inoperative provided both jettison indications operate normally ECAM FUEL page.	on	
2)	ON Light	С	1	0			
40-10	X FEED pb-sw						
1)	OPEN Light	С	1	0	May be inoperative provided X FEEI VALVE indication operates normally ECAM FUEL page.		
2)	ON Light	С	1	0			

U.S. DEP	AR	TMENT OF TRANSPORTA	ATIOI	N		MASTE	R MINIMUM EQUIPMENT	LIST
FEDERAL	_ A\	/IATION ADMINISTRATIO	N			1VII/ (O 1 L		
AIRCRAF A330-2		A330-200F, A330-300	RE'			IO. 17 4/05/2017	PAGE NO. 28-16	
			ММ	EL T	ABL	E KEY		
SYSTEM	0		1. F	REP	AIR (			
SEQUENC		ITEM		2.1		BER INSTALL		
NO.	_	TT LIVI			3.1		UIRED FOR DISPATCH	
						4. REMARKS	OR EXCEPTIONS	
28. FUEL			1	ı	1	1		Change
Sequence No.	•	Item	1	2	3	4		Bar
40-15		Indications on ECAM FUEL Page						
1)		Pumps						
	a)	Wing Tanks	С	6	0			
	b)	Center Tank (A330-200, A330-200F, A330-200F With Mod. 58623/ MP H16147 and Mod. 200281/ MP H16151, A330-300 With Mod. 204025/ MP H16690)	С	2	0			
2)		APU LP Valve	С	1	0		rative provided APU LP dered inoperative.	
3)		Crossfeed	С	1	0			
						(Continued)		
						(Continued)		

		/IATION ADMINISTRATIO		//0:5		10. 47	DAGENG	
AIRCRA A330-		A330-200F, A330-300	KE			IO. 17 4/05/2017	PAGE NO. 28-17	
	<u> </u>	·	ММ	EL T	ABL	E KEY		
SYSTEM SEQUEN NO.		ITEM	1. F		NUM		ED UIRED FOR DISPATCH S OR EXCEPTIONS	
28. FUEI	_							
Sequence N	о.	Item	1	2	3	4		Change Bar
40-15		Indications on ECAM FUEL Page (Cont'd)						
4)		Transfer Indications						
	a)	A330-300, A330-200F With Mod. 58623/ MP H16147	С	6	0	a) Association indica usable ECAM b) Transi	erative provided: ciated tanks fuel quantity tions (for tanks containing e fuel) are operative on If FUEL page, and fer operation is monitored gh fuel quantity indications.	
	b)	A330-200, A330-200F, A330-200F With Mod. 58623/ MP H16147 and Mod. 200281/ MP H16147, A330-300 With Mod. 204025/ MP H16690)	С	10	0	a) Association indica usable ECAM b) Trans	erative provided: ciated tanks fuel quantity tions (for tanks containing e fuel) are operative on If FUEL page, and fer operation is monitored gh fuel quantity indications.	
5)		Fuel On Board (FOB)	С	1	0	•	R operations beyond may be inoperative.	
6) ***		Jettison (A330-200)						
	a)	Valve	С	2	0			
	b)	JETTISON	С	2	0			
40-16		Indication on ECAM EWD						
1)		Fuel on Board (FOB)	С	1	0		R operations beyond may be inoperative.	

U.S. DEPAR	TMENT OF TRANSPORTA	TIOI	N		MASTER MINIMUM EQUIPMEN	TIIQT				
FEDERAL A	VIATION ADMINISTRATIO	N			MAGTER WINNIWOW EQUIT WEN	I LIGI				
AIRCRAFT: A330-200,	A330-200F, A330-300	RE\			NO. 17 PAGE NO. 28-18					
		ММ	MEL TABLE KEY							
SYSTEM & SEQUENCE NO.	ITEM	1. F	$\overline{}$	MUN	CATEGORY MBER INSTALLED NUMBER REQUIRED FOR DISPATCH					
W 100 M 100 M		4. REMARKS OR EXCEPTIONS								
28. FUEL	<u> </u>	Char								
Sequence No.	Item	1	2	3	4	Change Bar				
40-17	Warning and Caution on ECAM EWD									
1)	FUEL EXCESS AFT CG	С	1	0	(M)(O) May be inoperative provided there is no fuel in trim tank or fuel in trim tank is considered unusable, part of ZFW, and is taken into account for CG determination.	n				
42-01	Quantity Indications on ECAM FUEL Page									
1)	Fuel Quantity Indications (All Tanks)	D	-	-	<ul> <li>(O) The last two digits may be displayed dashed (degraded mode) provided the loss of accuracy is accounted for in fuel planning.</li> <li>NOTE: Fuel quantity is considered operative.</li> </ul>					
					(Continued)					

U.S. DEPAR	TMENT OF TRANSPORT	ATIOI	N		MΔSTE	R MINIMUM EQUIPMENT LIST
FEDERAL A	VIATION ADMINISTRATIO					
AIRCRAFT: A330-200,	A330-200F, A330-300	RE'			IO. 17 4/05/2017	PAGE NO. 28-19
		ММ	EL T	ABL	E KEY	
SYSTEM & SEQUENCE NO.	ITEM	1. F		NUM		ED UIRED FOR DISPATCH S OR EXCEPTIONS
28. FUEL						
Sequence No.	Item	1	2	3	4	Change Bar
42-01	Quantity Indications on ECAM FUEL Page (Cont'd)					
2)	Outer Tanks					
a)	A330-300, A330-200F With Mod. 58623/ MP H16147	С	2	1	180 minutes, provided:  a) Fuel q is check by an ameans b) Associoperat c) Associoperat and d) Manual trim tal out as takeof	t for ER operations beyond one may be inoperative tuantity in associated tank cked after each refueling acceptable alternates, iated fuel used indication tes normally, iated inner tank fuel ty indication is operative, all forward transfer from the inner tanks is carried soon as possible after f when positive pitch angle than 3 degrees.
b)	A330-200, A330-200F, A330-200F With Mod. 58623/ MP H16147 and Mod. 200281/ MP H16151, A330-300 With Mod. 204025/ MP H16690	С	2	1	180 minutes, provided:  a) Fuel q is check by an ameans b) Associoperate c) Associoperate and d) Manual trim ta out as takeof	t for ER operations beyond one may be inoperative  uantity in associated tank cked after each refueling acceptable alternate s, iated fuel used indication tes normally, iated inner tank fuel ty indication is operative, all forward transfer from ank to center tank is carried soon as possible after f when positive pitch angle than 3 degrees.
					(Continued)	

U.S. DEPARTI	MENT OF TRANSPORTA	OITA	N		
FEDERAL AVI	ATION ADMINISTRATIO	N			MASTER MINIMUM EQUIPMENT LIST
AIRCRAFT:	.330-200F, A330-300				NO. 17 PAGE NO. 28-20
		ММ	EL T	ABL	LE KEY
SYSTEM & SEQUENCE NO.	ITEM		REP/	AIR (	CATEGORY MBER INSTALLED NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS
28. FUEL		<u>'</u>			
Sequence No. Ite	em	1	2	3	4 Chang Bar
E	Quantity Indications on ECAM FUEL Page Cont'd)				
3) I	nner Tanks				
\ \	A330-300, A330-200F With Mod. 58623/ MP H16147	C	2	1	<ul> <li>(M)(O) Except for ER operations beyond 180 minutes, one may be inoperative provided: <ul> <li>a) Fuel quantity in associated tank is verified after each refueling by an acceptable alternate means,</li> <li>b) All Fuel Used indications operate normally on ECAM FUEL Page,</li> <li>c) Both outer to inner transfer valves are deactivated in the closed position,</li> <li>d) Both outer tanks are full and fuel in these tanks is considered unusable, and</li> <li>e) Manual forward transfer from trim tank to inner tanks is carried out as soon as possible after takeoff when pitch angle is less than 3 degrees.</li> </ul> </li> </ul>
					(Continued)

U.S. DEPAR	TMENT OF TRANSPORTA	IOITA	V		MASTE	ER MINIMUM EQUIPMENT L	IST
FEDERAL A\ AIRCRAFT:	/IATION ADMINISTRATIO	_	/1010	N 1 A 2	IO. 17	PAGE NO.	
	A330-200F, A330-300	KEY			4/05/2017	28-21	
		ММ	EL T	ABL	E KEY		
SYSTEM & SEQUENCE NO.	ITEM	1. F		NUM		ED UIRED FOR DISPATCH S OR EXCEPTIONS	
28. FUEL					1		
Sequence No.	Item	1	2	3	4		Change Bar
42-01	Quantity Indications on ECAM FUEL Page (Cont'd)						
3)	Inner Tanks (Cont'd)						
b)	A330-200, A330-200F With Mod. 58623/ MP H16147 and Mod. 200281/ MP H16151, A330-300 With Mod. 204025/ MP H16690	C	2	1	180 minutes, provided:  a) Fuel q is verificant accords b) All Fuel normal c) Both conditions closed d) Both conditions are managed by Manual trim tale out as takeof	the for ER operations beyond one may be inoperative quantity in associated tank fied after each refueling by ceptable alternate means, sel Used indications operate ally on ECAM FUEL Page, outer to inner transfer are deactivated in the diposition, outer tanks are full, and fuel se tanks is considered all forward transfer from ank to center tank is carried a soon as possible after if when pitch angle is less a degrees.	
					(Continued)		

II S DEDAR	TMENT OF TRANSPORTA	\TIOI	\ <u></u>				
U.S. DEPAR	TIMENT OF TRANSPORTA	11101	N		MASTER MINIMUM EQUIPMENT LIST		
	VIATION ADMINISTRATIO		//01/	2 N I A	DAGE NO.		
AIRCRAFT: A330-200	, A330-200F, A330-300	KE		ON NO. 17 PAGE NO. TE: 04/05/2017 28-22			
		ММ	EL T	ABL	E KEY		
SYSTEM &		1. REPAIR CATEGORY  2. NUMBER INSTALLED					
SEQUENCE	ITEM		2.1		NUMBER REQUIRED FOR DISPATCH		
NO.				0. 1	4. REMARKS OR EXCEPTIONS		
28. FUEL			'				
Sequence No.	Item	1	2	3	4 Change Bar		
42-01	Quantity Indications on ECAM FUEL Page (Cont'd)		_				
4)	Center Tank (A330-200, A330-200F With Mod. 58623/ MP H16147 and Mod. 200281/ MP H16151, A330-300 With Mod. 204025/ MP H16690)	С	1	0	<ul> <li>(M)(O) Except for ER operations beyond 180 minutes, may be inoperative provided: <ul> <li>a) Fuel quantity in associated tank is checked after each refueling by an acceptable alternate means,</li> <li>b) All wing tanks fuel quantity indications are operative on ECAM FUEL Page,</li> <li>c) All Fuel Used indications operate normally on ECAM FUEL Page, and</li> <li>d) Manual forward transfer from trim tank to center tank is carried out as soon as possible after takeoff when positive pitch angle is less than 3 degrees.</li> </ul> </li> </ul>		
5)	Trim Tank	С	1	0	(M)(O) Except for ER operations beyond 180 minutes, may be inoperative provided there is no fuel in trim tank.		
6)	Collector Cells	С	2	0	Except for ER operations beyond 180 minutes, may be inoperative.		
43-01	Manual Magnetic Indicators	С	-	0	May be inoperative provided associated fuel quantity indication is checked by an acceptable alternate means.		

U.S. DEP	PAR	TMENT OF TRANSPORTA	ATIOI	N		MASTER MINIMUM EQUIPMENT LIST
FEDERA	L A\	/IATION ADMINISTRATIO	N			WASTER WIINIWOW EQUIPMENT LIST
AIRCRAF	T:	A330-200F, A330-300				IO. 17 PAGE NO. 28-23
			ММ	EL T	ABL	E KEY
SYSTEM SEQUENC NO.		ITEM	1. F	REPAIR CATEGORY     NUMBER INSTALLED     NUMBER REQUIRED FOR DISPATCH      A REMARKS OR EXCEPTIONS		IBER INSTALLED
28. FUEL					<u> </u>	4. NEIW WITE ON EXCENTIONS
Sequence No	).	Item	1	2	3	4 Change
43-02		Fuel Quantity Attitude Monitor(s)	D	-	0	(M) May be inoperative provided fueling or defueling procedures are not predicated on their use.
46-02		Low Level Detection System				
1)		Inner Tank				
	a)	With Jettison System	С	2	1	One may be inoperative provided:  a) Inner tank fuel quantity indications are operative,  b) Fuel quantity in affected inner tank is monitored during flight, and  c) The jettison system is not used.
	b)	Without Jettison System	С	2	1	One may be inoperative provided:  a) Inner tank fuel quantity indications are operative, and b) Fuel quantity in affected inner tank is monitored during flight.
2)		Center Tank (A330-200, A330-200F, A330-200F With Mod. 58623/ MP H16147 and Mod. 200281/ MP H16151, A330-300 With Mod. 204025/ MP H16690)	С	1	0	<ul> <li>(M)(O) May be inoperative provided:</li> <li>a) Both center tank pumps operate normally,</li> <li>b) Manual transfer from center tank to inner tanks operates normally, and</li> <li>c) Manual transfer from trim tank to center tank operates normally.</li> </ul>

AIRCRAFT:					O. 17	PAGE NO.	
A330-200	D, A330-200F, A330-300				4/05/2017	28-24	
					E KEY		
SYSTEM &	ITEM	1. H		MUŅ	CATEGORY BER INSTALLI		
NO.	TT EW			3.1		UIRED FOR DISPATCH OR EXCEPTIONS	
28. FUEL							
Sequence No.	Item	1	2	3	4		Chang Bar
46-03	Overflow Sensors in Wing and Trim Tanks	С	3	0	May be inoper monitored in f	rative provided fuel level is light.	
46-04	Warning and Caution on ECAM E/WD						
1)	FUEL L(R) WING TK LO LVL	С	2	1	tank provided	noperative in one inner associated inner tank low n system is considered	
2)	FUEL WING TK OVERFLOW	С	1	0	indication) as	rative (confirmed false displayed on ECAM E/WD level is monitored in flight.	

A330-200, A330-200F, A330-300    MMEL TABLE KEY	AIRCRAFT:	AVIATION ADMINISTRATIO		VISIC	N NC	O. 17 PAGE NO.	
SYSTEM & SEQUENCE NO.  ITEM 1							
SYSTEM & SEQUENCE NO.  28. FUEL  Sequence No.  11			MM	EL T	ABL	E KEY	
SEQUENCE NO.   ITEM NO.	SYSTEM &		1. F				
28. FUEL Sequence No. Item		ITEM		2. [			
28. FUEL Sequence No.   Ntem	NO.				3. 1	-	
49-01 Temperature Indications on ECAM FUEL Page  1) Inner Tanks  C 2 1  2) Outer Tank  C 1 0 May be inoperative provided ADR 1 and ADR 2 operate normally.  C 1 0 (O) May be inoperative provided total air temperature is monitored in flight.  3) Trim Tank  C 1 0 (O) May be inoperative provided left outer tank fuel temperature indication operates normally on ECAM FUEL page.  C 1 0 May be inoperative provided ADR 1 and ADR 2 operate normally.  C 1 0 May be inoperative provided ADR 1 and ADR 2 operate normally.  C 1 0 (O) May be inoperative provided ADR 1 and ADR 2 operate normally.  C 1 0 (O) May be inoperative provided total air temperature is monitored in flight.  49-02 Warning and Caution on ECAM E/WD  1) FUEL FUEL LO TEMP Caution Associated With Inner Tanks  C 1 0 May be inoperative provided associated inner tank fuel temperature indication is considered inoperative.  C 1 0 May be inoperative provided fouter tank fuel temperature indication is considered inoperative.  3) FUEL FUEL LO TEMP Caution Associated With Left Outer Tank  G 1 0 May be inoperative provided left outer tank fuel temperature indication is considered inoperative.	28. FUEL					4. NEW WING ON EXCELLIBRIO	
1) Inner Tanks C 2 1 2) Outer Tank C 1 0 May be inoperative provided ADR 1 and ADR 2 operate normally. C 1 0 (O) May be inoperative provided total air temperature is monitored in flight. 3) Trim Tank C 1 0 (O) May be inoperative provided left outer tank fuel temperature indication operates normally on ECAM FUEL page. C 1 0 May be inoperative provided ADR 1 and ADR 2 operate normally. C 1 0 (O) May be inoperative provided ADR 1 and ADR 2 operate normally. C 1 0 (O) May be inoperative provided ADR 1 and ADR 2 operate normally. C 1 0 (O) May be inoperative provided total air temperature is monitored in flight.  49-02 Warning and Caution on ECAM E/WD C 1 0 (O) May be inoperative provided associated inner tank fuel temperature indication is considered inoperative. C 1 0 May be inoperative provided left outer tank fuel temperature indication is considered inoperative. C 1 0 May be inoperative provided left outer tank fuel temperature indication is considered inoperative.  3) FUEL FUEL LO TEMP Caution Associated With Left Outer Tank C 1 0 May be inoperative provided left outer tank fuel temperature indication is considered inoperative.	Sequence No.	Item	1	2	3	4	Chang
2) Outer Tank  C 1 0 May be inoperative provided ADR 1 and ADR 2 operate normally.  C 1 0 (O) May be inoperative provided total air temperature is monitored in flight.  3) Trim Tank  C 1 0 (O) May be inoperative provided left outer tank fuel temperature indication operates normally on ECAM FUEL page.  C 1 0 May be inoperative provided ADR 1 and ADR 2 operate normally.  C 1 0 (O) May be inoperative provided total air temperature is monitored in flight.  49-02 Warning and Caution on ECAM E/WD  1) FUEL FUEL LO TEMP Caution Associated With Inner Tanks  C 1 0 May be inoperative provided associated inner tank fuel temperature indication is considered inoperative.  C 1 0 May be inoperative provided associated inner tank fuel temperature indication is considered inoperative.  3) FUEL FUEL LO TEMP Caution Associated With Left Outer Tank  C 1 0 May be inoperative provided left outer tank fuel temperature indication is considered inoperative.	49-01	•					
ADR 2 operate normally.  C 1 0 (O) May be inoperative provided total air temperature is monitored in flight.  3) Trim Tank  C 1 0 (O) May be inoperative provided left outer tank fuel temperature indication operates normally on ECAM FUEL page.  C 1 0 May be inoperative provided ADR 1 and ADR 2 operate normally.  C 1 0 (O) May be inoperative provided total air temperature is monitored in flight.  49-02 Warning and Caution on ECAM E/WD  1) FUEL FUEL LO TEMP Caution Associated With Inner Tanks  C 1 0 May be inoperative provided associated inner tank fuel temperature indication is considered inoperative.  C 1 0 May be inoperative provided associated inner tank fuel temperature indication is considered inoperative.  C 1 0 May be inoperative provided left outer tank fuel temperature indication is considered inoperative.  C 1 0 May be inoperative provided trim tank fuel temperature indication is considered inoperative.	1)	Inner Tanks	С	2	1		
temperature is monitored in flight.  C 1 0 (O) May be inoperative provided left outer tank fuel temperature indication operates normally on ECAM FUEL page.  C 1 0 May be inoperative provided ADR 1 and ADR 2 operate normally.  C 1 0 (O) May be inoperative provided total air temperature is monitored in flight.  49-02 Warning and Caution on ECAM E/WD  1) FUEL FUEL LO TEMP Caution Associated With Inner Tanks  C 1 0 One may be inoperative provided associated inner tank fuel temperature indication is considered inoperative.  2) FUEL FUEL LO TEMP Caution Associated With Left Outer Tank  T 0 May be inoperative provided left outer tank fuel temperature indication is considered inoperative.  3) FUEL FUEL LO TEMP Caution Associated  With Left Outer Tank  C 1 0 May be inoperative provided left outer tank fuel temperature indication is considered inoperative.	2)	Outer Tank	С	1	0		
outer tank fuel temperature indication operates normally on ECAM FUEL page.  C 1 0 May be inoperative provided ADR 1 and ADR 2 operate normally.  C 1 0 (O) May be inoperative provided total air temperature is monitored in flight.  49-02 Warning and Caution on ECAM E/WD  1) FUEL FUEL LO TEMP Caution Associated With Inner Tanks  C 2 1 One may be inoperative provided associated inner tank fuel temperature indication is considered inoperative.  2) FUEL FUEL LO TEMP Caution Associated With Left Outer Tank  C 1 0 May be inoperative provided left outer tank fuel temperature indication is considered inoperative.  C 1 0 May be inoperative provided trim tank fuel temperature indication is considered inoperative.			С	1	0		
ADR 2 operate normally.  C 1 0 (O) May be inoperative provided total air temperature is monitored in flight.  49-02 Warning and Caution on ECAM E/WD  1) FUEL FUEL LO TEMP Caution Associated With Inner Tanks  C 2 1 One may be inoperative provided associated inner tank fuel temperature indication is considered inoperative.  2) FUEL FUEL LO TEMP Caution Associated With Left Outer Tank  C 1 0 May be inoperative provided left outer tank fuel temperature indication is considered inoperative.  3) FUEL FUEL LO TEMP Caution Associated  C 1 0 May be inoperative provided trim tank fuel temperature indication is considered	3)	Trim Tank	С	1	0	outer tank fuel temperature indication operates normally on ECAM FUEL	
temperature is monitored in flight.  49-02 Warning and Caution on ECAM E/WD  1) FUEL FUEL LO TEMP Caution Associated With Inner Tanks  2) FUEL FUEL LO TEMP Caution Associated With Left Outer Tank  3) FUEL FUEL LO TEMP Caution Associated Caution Associated With Left Outer Tank  C 1 0 May be inoperative provided left outer tank fuel temperature indication is considered inoperative.  C 1 0 May be inoperative provided trim tank fuel temperature indication is considered inoperative.			С	1	0		
1) FUEL FUEL LO TEMP Caution Associated With Inner Tanks  C 1 0 May be inoperative provided associated inner tank fuel temperature indication is considered inoperative.  C 1 0 May be inoperative provided left outer tank fuel temperature indication is considered inoperative.  TUEL FUEL LO TEMP Caution Associated With Left Outer Tank  C 1 0 May be inoperative provided trim tank fuel temperature indication is considered  May be inoperative provided trim tank fuel temperature indication is considered			С	1	0		
Caution Associated With Inner Tanks  2) FUEL FUEL LO TEMP Caution Associated With Left Outer Tank  C 1 0 May be inoperative provided left outer tank fuel temperature indication is considered inoperative.  C 1 0 May be inoperative provided trim tank fuel temperature indication is considered inoperative.	49-02						
Caution Associated With Left Outer Tank  The standard of the fuel temperature indication is considered inoperative.  The standard of the stand	1)	Caution Associated	С	2	1	associated inner tank fuel temperature	
Caution Associated fuel temperature indication is considered	2)	Caution Associated	С	1	0	tank fuel temperature indication is	
	3)	Caution Associated	С	1	0	fuel temperature indication is considered	I

	RTMENT OF TRANSPORT AVIATION ADMINISTRATION				MASTE	ER MINIMUM EQUIPMENT	LIST
AIRCRAFT:					O. 17 4/05/2017	PAGE NO. 28-26	
		ММ	EL T	ABL	E KEY		
SYSTEM & SEQUENCE NO.	ITEM		REP	AIR O	CATEGORY BER INSTALL NUMBER REQ	ED UIRED FOR DISPATCH S OR EXCEPTIONS	
28. FUEL		<u> </u>	,	,			
Sequence No.	Item	1	2	3	4		Change Bar
51-01	FCMC System						
1)	FCMC 2	С	1	0	a) Associon portion b) All Fundament and c) The trindica inoper	noperative provided: siated fuel level sensing in is powered, el Used indications operate ally on ECAM FUEL page, im tank fuel temperature tion is considered rative.  FCMC 2 is inoperative, uantity indication can have	
2)	FCMC Initialization (ZFW, ZFCG)	С	2	1	dashe	es on the two last digits.	
		С	2	0	there is no fue tank is consid	e inoperative provided el in trim tank or fuel in trim dered unusable, part of taken into account for CG	
a)	A330-300, A330-200F With Mod. 58623/ MP H16147	С	2	0	forward transf tanks is carrie	noperative provided manual fer from trim tank to inner ed as soon as possible when pitch angle is less es.	
b)	A330-200, A330-200F, A330-200F With Mod. 58623/ MP H16147 and Mod. 200281/ MP H16151, A330-300 With Mod. 204025/ MP H16690	С	2	0	forward transf	noperative provided manual fer from trim tank to center d as soon as possible after pitch angle is less than	

	TMENT OF TRANSPORTA		•		MASTER MINIMUM EQUIPMENT	LIST
	VIATION ADMINISTRATION		"016		DAGE NO.	
AIRCRAFT: A330-200,	, A330-200F, A330-300	RE			O. 17 PAGE NO. 4/05/2017 29-1	
		MM	EL T	ABL	E KEY	
SYSTEM &		1. F	REP/	AIR (	CATEGORY	
SEQUENCE	ITEM		2.1		BER INSTALLED	
NO.	TT CIVI			3.1	NUMBER REQUIRED FOR DISPATCH	
WOON (110)					4. REMARKS OR EXCEPTIONS	
29. HYDRAU	ILIC POWER					
Sequence No.	Item	1	2	3	4	Change Bar
10-01	Engine Driven Pumps					
1)	Depressurization Function	С	4	3	(O) One may be inoperative	
10-02	Hydraulic System Accumulators				Deleted, Revision 17.	
		С	3	0	(M) May be inoperative provided associated accumulator is deactivated.	
10-06	LP System Filters	С	3	2		
10-07	Reservoir Filling Filter	С	1	0	(M) May be inoperative provided an equivalent filter is used to fill hydraulic reservoir.	
10-08	Case Drain Filters	С	4	3	(M) One may be inoperative provided filter is removed.	
19-01	Leak Measurement Valve pb-sw OFF Light	D	3	0	<ul> <li>(O) May be inoperative provided:</li> <li>a) Associated hydraulic SYS LO PR Alert is not displayed, and</li> <li>b) All flight control surfaces are verified operative on the FL/CTL SD page prior to each flight.</li> </ul>	
21-01	Green Auxiliary Hydraulic Power (Electric Pump)	С	1	0	May be inoperative provided associated ELEC pb-sw is set to OFF.	
22-01	Blue Auxiliary Hydraulic Power (Electric Pump)	С	1	0	May be inoperative provided associated ELEC pb-sw is set to OFF.	

IIS DEDAR	TMENT OF TRANSPORTA	ا∩ا⊤∆	NI		
			N .		MASTER MINIMUM EQUIPMENT LIST
FEDERAL A	VIATION ADMINISTRATION		// כור	N M	IO. 17 PAGE NO.
_					4/05/2017 29-2
		ММ	EL T	ABL	E KEY
SYSTEM &		1. F			CATEGORY
SEQUENCE	ITEM		2.1		BER INSTALLED
NO.				3.1	NUMBER REQUIRED FOR DISPATCH  4. REMARKS OR EXCEPTIONS
29. HYDRAU	ILIC POWER				4. NEWAKKS OK EXCEPTIONS
Sequence No.	Item	1	2	3	4 Change Bar
23-01	Yellow Auxiliary Hydraulic Power (Electric/Hand Pump)				
1)	Electric Pump	С	1	0	(O) May be inoperative provided associated ELEC pb-sw is set to OFF.
2)	Hand Pump	С	1	0	(M) May be inoperative provided the integrity of the yellow hydraulic system is not affected.
30-01	Pump				
1)	FAULT Lights	С	7	0	May be inoperative provided associated ECAM warnings and cautions operate normally.
2)	OFF Lights	С	7	0	
3)	ON Lights	С	3	0	May be inoperative provided ECAM indication for associated electric pump operates normally.

U.S. DEPAR	TMENT OF TRANSPORT	ATIOI	N		
					MASTER MINIMUM EQUIPMENT LIST
AIRCRAFT:	VIATION ADMINISTRATION		VISIO	ON N	O. 17 PAGE NO.
	, A330-200F, A330-300				4/05/2017 29-3
					E KEY
SYSTEM &		1. F	$\overline{}$		CATEGORY
SEQUENCE	ITEM		2. [	_	BER INSTALLED NUMBER REQUIRED FOR DISPATCH
NO.				3. 1	4. REMARKS OR EXCEPTIONS
29. HYDRAU	JLIC POWER			<u> </u>	
Sequence No.	Item	1	2	3	4 Change Bar
30-02	ECAM HYD Page Indications				
1)	Reservoir Quantities	С	3	2	<ul> <li>(M) One may be inoperative provided:</li> <li>a) Associated reservoir quantity is verified adequate before each departure, and</li> <li>b) Associated RSVR LO LVL caution operates normally.</li> </ul>
2)	Fire Valves	С	4	0	
3)	RAT	С	1	0	May be inoperative provided RAT is visually verified to be stowed before each departure.
4)	ELEC Pumps	С	3	0	
5)	Engine Driven Pumps	С	4	0	
6)	System Labels	С	3	0	(O) May be inoperative provided associated ECAM system pressure indication is verified to operate normally before each departure.
7)	System Pressures	С	3	2	(O) One may be inoperative provided associated System Label indication operates normally.
8)	OVHT (ELEC Pump)	С	3	0	(M)(O) May be inoperative provided associated electric pump is deactivated.

	VIATION ADMINISTRATION							
AIRCRAFT: A330-200	, A330-200F, A330-300	RE\	REVISION NO. 17 PAGE NO. 29-4					
		ММ	EL T	ABL	E KEY			
SYSTEM & SEQUENCE	ITEM	1. F		NUM	CATEGORY BER INSTALLED NUMBER REQUIRED FOR DISPATCH			
NO.				3.1	4. REMARKS OR EXCEPTIONS			
29. HYDRAU	ILIC POWER				I I I I I I I I I I I I I I I I I I I			
Sequence No.	Item	1	2	3	4	Cha		
30-03	ECAM Warnings and Cautions							
1)	RSVR LO LVL	С	3	2	<ul> <li>(M)(O) The HYD G RSVR LO LVL alert may be inoperative provided:</li> <li>a) The green reservoir quantity indication is checked normal on HYD SD page before each departure, and</li> <li>b) The green reservoir low level indication is deactivated.</li> </ul>			
		С	3	2	(O) The HYD B(Y) RSVR LO LVL alert may be inoperative provided associated reservoir quantity indication is checked normal on HYD SD page before each departure.			
2)	RSVR LO AIR PRESS	С	3	2	(M) One may be inoperative provided air pressure is verified on the reservoir before each departure.			
3)	RSVR OVHT	С	3	2				
4)	ELEC PUMP FAULT	С	3	0				
5)	PUMP LO PR	С	5	0	<ul> <li>(M)(O) May be inoperative provided:</li> <li>a) Associated system pressure indication is operative, and</li> <li>b) If HYD G ENG 1(2)(1+2) PUMP LO PR caution is displayed on ECAM E/WD, associated green pump is verified operative before each departure.</li> </ul>			
6)	SYS LO PR	С	3	0	(O) May be inoperative provided associated ECAM system pressure indication is verified to operate normally before each departure.			
7)	RAT Fault	С	1	0	(M) May be inoperative provided RAT integrity is not affected.			
8)	MONITORING FAULT	С	1	0	(M) May be inoperative provided HSMU computer is verified to be properly installed in its rack.			

AIRCRAFT:					O. 17 PAGE NO.	
A330-200	), A330-200F, A330-300		DAT	E: 0	4/05/2017 30-1	
					E KEY	
SYSTEM & SEQUENCE NO.	ITEM	1. [		MUN	CATEGORY BER INSTALLED NUMBER REQUIRED FOR DISPATCH	
90,000					4. REMARKS OR EXCEPTIONS	
	D RAIN PROTECTION	1 .	I .			Chan
Sequence No.	Item	1	2	3	4	Bar
11-01	Wing Anti-Ice Control Valves	C	4	2	<ul> <li>(M)(O) One may be inoperative in open position on each side provided:</li> <li>a) All engines are started on ground using APU bleed air and manual start procedures,</li> <li>b) Associated ECAM procedure is applied after engines are started, and</li> <li>c) Temperature at departure airport is 19 degrees C or below.</li> </ul>	
11-02	WING pb-sw	С	4	0	(M) Except for ER operations beyond 120 minutes, may be inoperative in closed position provided airplane is not operated in known or forecast icing conditions.	
11-02	WING po-sw					
1)	FAULT Light	С	1	0	(O) May be inoperative provided anti-ice "arrow" symbols on ECAM BLEED page operate normally.	
		С	1	0	May be inoperative provided wing anti-ice control valves are considered inoperative in closed position.	
2)	ON Light	С	1	0		

U.S. DEPAR	TMENT OF TRANSPORTA	OITA	N			
FEDFRAL A	VIATION ADMINISTRATIC	N			MASTE	ER MINIMUM EQUIPMENT LIST
AIRCRAFT:					IO. 17	PAGE NO.
A330-200,	, A330-200F, A330-300		DAT	E: 0	4/05/2017	30-2
					E KEY	
SYSTEM &		1. H			CATEGORY BER INSTALL	<b>ED</b>
SEQUENCE	ITEM		2.1			UIRED FOR DISPATCH
NO.				31.1		OR EXCEPTIONS
30. ICE AND	RAIN PROTECTION					
Sequence No.	Item	1	2	3	4	Change Bar
11-03	Indications on ECAM BLEED Page					
1)	ANTI-ICE	С	2	0		
2)	Arrow	С	4	0		
21-01	Engine Anti-Ice Valves					
1)	GE CF6-80E1 Series Engines	С	2	1	be inoperative provided airpl	r ER operations, one may e in closed position ane is not operated in ecast icing conditions.
		C	2	0		e inoperative in open ded AFM performance applied.
					(Continued)	

U.S. DEPAR	TMENT OF TRANSPORT	ATIOI	N			
	/IATION ADMINISTRATIO				MASTER MINIMUM EQUIPMENT LIST	
AIRCRAFT:	MATION ADMINISTRATIC		VISIO	ON N	IO. 17 PAGE NO.	
	A330-200F, A330-300		DAT	E: 0	14/05/2017 30-3	
		ММ	EL T	ABL	E KEY	
SYSTEM &		1. F	$\overline{}$		CATEGORY	
SEQUENCE	ITEM		2.1		IBER INSTALLED	
NO.				3.1	NUMBER REQUIRED FOR DISPATCH  4. REMARKS OR EXCEPTIONS	
30. ICE AND RAIN PROTECTION						
Sequence No.	Item	1	2	3	4 Change Bar	
21-01	Engine Anti-Ice Valves (Cont'd)					
2)	PW 4000 Series Engines	С	2	1	Except for ER operations beyond 120 minutes, one may be inoperative in closed position provided airplane is not operated in known or forecast icing conditions.	
а)	Pressure Regulating Section	A	2	0	<ul> <li>(M)(O) One or both may be inoperative in open position provided: <ul> <li>a) The associated shutoff section operates normally,</li> <li>b) Performance penalties are applied if engine anti-ice is required for the intended flight, and</li> <li>c) Repairs are made within 10 calendar-days.</li> </ul> </li> </ul>	
b)	Shutoff Section	A	2	0	<ul> <li>(M)(O) One or both may be inoperative in open position provided: <ul> <li>a) The associated pressure regulating section is in unlocked (activated) position,</li> <li>b) The associated A.ICE ENG 1(2) REGUL FAULT caution was not displayed on ECAM during previous flight,</li> <li>c) Flight Manual performance penalties are applied, and</li> <li>d) Repairs are made within 10 calendar-days.</li> </ul> </li> </ul>	
3)	RR TRENT Series Engines	С	2	1	<ul> <li>(M) Except for ER operations, one may be inoperative in closed position provided: <ul> <li>a) Airplane is not operated in known or forecast icing conditions, and</li> <li>b) Engine has less than 2,000 cycles since new.</li> </ul> </li> </ul>	
		С	2	0	(M)(O) May be inoperative in open position provided AFM performance penalties are applied.	

US DEPAR	TMENT OF TRANSPORT	ATIOI	NI		
			•		MASTER MINIMUM EQUIPMENT LIST
AIRCRAFT:	VIATION ADMINISTRATION		VISIO	N NC	O. 17 PAGE NO.
	A330-200F, A330-300				4/05/2017 30-4
		ММ	EL T	ABL	E KEY
SYSTEM &		1. F	$\overline{}$		CATEGORY
SEQUENCE	ITEM		2.1		BER INSTALLED
NO.				3.1	NUMBER REQUIRED FOR DISPATCH  4. REMARKS OR EXCEPTIONS
30. ICE AND	RAIN PROTECTION				THE WARRENCE TO THE TOTAL
Sequence No.	Item	1	2	3	4 Change Bar
21-02	ENG Anti-Ice pb-sw				
1)	FAULT Lights				
а)	GE CF6-80E1 Series Engines	С	2	1	One may be inoperative provided associated valve is considered inoperative in the closed position.
		С	2	0	May be inoperative provided associated valve(s) is considered inoperative in the open position.
b)	PW 4000 Series Engines	С	2	1	One may be inoperative provided the associated engine anti-ice valve is considered inoperative in closed position.
		A	2	0	May be inoperative provided:  a) Pressure regulating section of the associated engine anti-ice valve is considered inoperative in the open position, and b) Repairs are made within 10 calendar-days.
с)	RR TRENT Series Engines	С	2	1	One may be inoperative provided associated valve is considered inoperative in the closed position.
		С	2	0	May be inoperative provided associated valve(s) is considered inoperative in the open position.
2)	ON Lights	С	2	0	

U.S. DEPAR	TMENT OF TRANSPORTA	OIT	٧				
EEDEDAL AV	/IATION ADMINISTRATIO	NI			MASTER	R MINIMUM EQUIPMENT	LIST
AIRCRAFT:	VIATION ADMINISTRATIO		/ISIC	N NC	O. 17	PAGE NO.	
A330-200,	A330-200F, A330-300		DAT	E: 04	4/05/2017	30-5	
		MMI	EL T	ABL	E KEY		
SYSTEM &		1. F			CATEGORY		
SEQUENCE	ITEM		2. 1		BER INSTALLE	ED JIRED FOR DISPATCH	
NO.				3. 1		OR EXCEPTIONS	
30. ICE AND	RAIN PROTECTION				11112111111111	01(2/02) 1101(0	
Sequence No.	Item	1	2	3	4		Change Bar
31-01	Probe Heat Computers	С	3	2	associated pro operates norm	•	
		С	3	2	120 minutes, C may be inoperate a) ADR, h warning operate b) Airplan moistur icing co c) Ambier departu 5 degre	for ER operations beyond CAPT or F/O computer rative provided: neaters, and failure gs associated with the ve units operate normally, he is not operated in visible are or known or forecast conditions, and that temperature at the cure airport is greater than less C when runway is ninated with water or	
		С	3	2	120 minutes, Sinoperative pro a) ADR, h warning operative b) Airplan moistur icing co c) Ambier departu 5 degre	ER operations beyond STBY computer may be ovided: neaters, and failure gs associated with the ve units operate normally, he is not operated in visible re or known or forecast conditions, and not temperature at the temperature at the cure airport is greater than these C when runway is ninated with water or	

AIRCRAFT:	VIATION ADMINISTRATI				O. 17	PAGE NO.	
A330-200	, A330-200F, A330-300				4/05/2017	30-6	
SYSTEM & SEQUENCE NO.	ITEM  RAIN PROTECTION	MM    1. F	1. REPAIR CATEGORY  2. NUMBER INSTALLED  3. NUMBER REQUIRED FOR DISPATCH  4. REMARKS OR EXCEPTIONS				
Sequence No.	Item	1	2	3	4		Chan
31-02	Pitot Heaters	В	3	2	(M)(O) Exception 120 minutes, be inoperative a) ADR, warning operation b) Airpla moistration (c) Ambied departion 5 deg	heaters, and failure ngs associated with the tive units operate normally, ne is not operated in visible ure or known or forecast conditions, and ent temperature at the ture airport is greater than rees C when runway is minated with water or	Ва
		В	3	2	120 minutes, inoperative properative properative properative properative properative properation operation by Airpla moistructure icing of control of the properation	heaters, and failure ngs associated with the tive units operate normally, ne is not operated in visible ure or known or forecast conditions, and ent temperature at the ture airport is greater than rees C when runway is minated with water or	
		С	3	2		heater may be inoperative associated ADR is noperative.	

U.S. DEPAR	TMENT OF TRANSPORTA	OITA	N		MASTER MINIMUM EQUIPMENT LIST	Г
FEDERAL A	VIATION ADMINISTRATIO	N				
AIRCRAFT:		RE\			NO. 17 PAGE NO.	
A330-200,	A330-200F, A330-300		DAT	E: 0	04/05/2017 30-7	
		MM	EL T	ABL	LE KEY	
CVCTEM		1. F	REPA	AIR C	CATEGORY	
SYSTEM & SEQUENCE	ITEM		2.1	MUN	IBER INSTALLED	
NO.	I I EIVI			3.1	NUMBER REQUIRED FOR DISPATCH	
140.					4. REMARKS OR EXCEPTIONS	
30. ICE AND	RAIN PROTECTION					
Sequence No.	Item	1	2		4 Char Ba	
31-03	Static Ports Heaters	С	6	5	One STBY heater may be inoperative.	
		С	6	4	(M)(O) One or both CAPT heaters may be inoperative provided ADR, heaters, and failure warnings associated with the operative units operate normally.	
		С	6	4	(M)(O) One or both F/O heaters may be inoperative provided ADR, heaters, and failure warnings associated with operative units operate normally.	
		С	6	4	<ul> <li>(M) Except for ER operations beyond 120 minutes, one or both STBY heaters may be inoperative provided: <ul> <li>a) ADR, heaters, and failure warnings associated with the operative units operate normally,</li> <li>b) Aircraft is not operated in visible moisture or known or forecast icing conditions, and</li> <li>c) Ambient temperature at the departure airport is greater than 5 degrees C when runway is contaminated with water or slush.</li> </ul> </li> </ul>	

AIRCRAFT:					O. 17 PAGE NO.	
A330-200	0, A330-200F, A330-300		DAT	E: 0	4/05/2017 30-8	
					E KEY	
SYSTEM & SEQUENCE NO.	ITEM	1. 1	1. REPAIR CATEGORY  2. NUMBER INSTALLED  3. NUMBER REQUIRED FOR DISPATCH  4. REMARKS OR EXCEPTIONS			
30. ICE ANI	D RAIN PROTECTION				4. ILLIII IKKO OK EXCEL HONO	
Sequence No.	Item	1	2	3	4	Chang
31-04	Angle of Attack Probe Heaters	С	3	2	<ul> <li>(M)(O) Except for ER operations beyond 120 minutes, one may be inoperative provided: <ul> <li>a) ADR, heaters, and failure warnings associated with the operative units operate normally, and</li> <li>b) Airplane is not operated in known or forecast icing conditions.</li> </ul> </li> </ul>	
		С	3	2	One may be inoperative provided associated ADR is considered inoperative.	
31-05	TAT Probe Heaters	С	2	1		
		С	2	0	Except for ER operations beyond 120 minutes, may be inoperative provided airplane is not operated in visible moisture or known or forecast icing conditions.	
31-06	PROBES/WINDOW HEAT pb-sw					
1)	AUTO Control	С	1	0	May be inoperative provided PROBES/WINDOW HEAT system is manually selected.	
2)	ON Light	С	1	0		

U.S. DEPAR	TMENT OF TRANSPORT	OITA	N		
FEDERAL AV	VIATION ADMINISTRATION	NC			MASTER MINIMUM EQUIPMENT LIST
AIRCRAFT:	VIATION ADMINISTRATION		VISIO	N NC	NO. 17 PAGE NO.
A330-200,	A330-200F, A330-300		DAT	E: 0	04/05/2017 30-9
					LE KEY
SYSTEM &		1. F			CATEGORY
SEQUENCE	ITEM		2. 1		MBER INSTALLED NUMBER REQUIRED FOR DISPATCH
NO.				J. 1	4. REMARKS OR EXCEPTIONS
30. ICE AND	RAIN PROTECTION				
Sequence No.	Item	1	2	3	4 Change Bar
42-01	Window Heat Computers	С	2	1	<ul> <li>(M) Except for ER operations beyond 120 minutes, one may be inoperative provided: <ul> <li>a) Airplane is not operated in known or forecast icing conditions,</li> <li>b) All heaters and failure warnings on the fixed and sliding windows associated with operative unit operate normally, and</li> <li>c) Approach minimums do not require its use.</li> </ul> </li> </ul>
42-02	Fixed Lateral Window and Sliding Window Heating Systems	С	4	0	
42-03	Front Windshield Heating Systems	C	2	1	Except for ER operations beyond 120 minutes, one may be inoperative provided:  a) Airplane in not operated in known or forecast icing conditions, and b) Approach minimums do not require its use.

AIRCRAFT:	. <u>VIATION ADMINISTRATIO</u> ), A330-200F, A330-300				IO. 17 PAGE NO. 4/05/2017 30-10	
A330-200	, A330-200F, A330-300	BABA				
SYSTEM & SEQUENCE NO.	ITEM		REP	AIR ( NUM	LE KEY CATEGORY BER INSTALLED NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS	
Sequence No.	RAIN PROTECTION Item	1	2	3	4	Change
45-01	Windshields Wipers	C	2	0	(O) May be inoperative provided:  a) Airplane is not operated in precipitation within 5 NM of the airport of takeoff or intended landing, and  b) Approach minimums do not require its use.	Bar
		С	2	1	<ul> <li>(M)(O) May be inoperative provided:</li> <li>a) The affected wiper is deactivated,</li> <li>b) Airplane is not operated in precipitation within 5 NM of the airport of takeoff or intended landing, and</li> <li>c) Approach minimums do not require its use.</li> </ul>	
		В	2	1	One may be inoperative provided associated rain repellant system is installed and operative.	
1)	Fast Speed	С	2	0	May be inoperative provided slow speed operates normally and approach minimums do not require its use.	
2)	Slow Speed	С	2	0	May be inoperative provided fast speed operates normally.	
3)	PARK Function	С	2	0	May be inoperative provided affected wiper can be located in a position that will not obstruct forward vision.	
		С	2	0	(M) May be inoperative provided affected wiper is removed and considered inoperative.	
45-02 ***	Rain Repellent Systems	D	2	0		

AIRCRAFT:					IO. 17	PAGE NO.
A330-200	), A330-200F, A330-300				4/05/2017	30-11
		_			.E KEY CATEGORY	
SYSTEM &		1. [			BER INSTALL	FD
EQUENCE	ITEM					UIRED FOR DISPATCH
NO.				353 5		OR EXCEPTIONS
30. ICE ANI	RAIN PROTECTION					
equence No.	Item	1	2	3	4	
46-01 ***	Escape Slide Locking Mechanism Ice Protection					
1)	Main Entry Cabin Doors (1, 2, and 4)	D	6	3	inoperative or provided cabi associated do	ng function may be n 50% of the cabin doors n crews are briefed that if por cannot be disarmed, may be used (if necessary) craft.
					by an associ operat	deployment is not affected inoperative heater and the iated door remains fully tive as an emergency exit he slide armed.
2)	Emergency Exit Cabin Doors (3)	D	2	0	inoperative or doors provide	ng function may be n emergency exit cabin ed cabin crews are briefed ed door may not be
					by an associ operat	deployment is not affected inoperative heater and the iated door remains fully tive as an emergency exit ne slide armed.
71-01	Waste Water Drain Mast Heating System	С	-	0	a) Assoc lavato b) Assoc supplic c) Assoc placar	noperative provided: iated galleys and ries are not used, iated lavatory water es are closed, and iated lavatory doors are rided "INOPERATIVE" and d closed.
81-01 ***	Advisory Ice Detection System	С	1	0	(O) May be in	operative.
81-02 ***	External Visual Ice Indicator Lighting	D	1	0		

U.S. DEPAR	TMENT OF TRANSPORTA	ATIOI	V		MASTE	R MINIMUM EQUIPMENT L	IST
FEDERAL A	VIATION ADMINISTRATIO	N			WASTE	IN MINIMONI EQUIT MENT E	101
AIRCRAFT:		RE			O. 17a	PAGE NO.	
A330-200,	A330-200F, A330-300		DAT	E: 0	8/15/2017	31-1	
		_			E KEY		
SYSTEM &		1. F			CATEGORY	<u>-</u>	
SEQUENCE	ITEM		2. 1		BER INSTALL	=D UIRED FOR DISPATCH	
NO.				3. 1		OR EXCEPTIONS	
31. INDICATI	NG/RECORDING SYSTEI	MS			1 4. T(EM) (T(T)	OK EXCEL HORO	
Sequence No.	Item	1	2	3	4		Change Bar
21-01	Electrical Clock (Controls and Indicators)	С	1	0	a) UTC ir availab b) Chrone one Na NOTE: For A3 P/Ns A (Mod. during Februa indicat or miss time ar may or mode. must s interna recove chrone is cons the clo flighter clock v one tin the tim ATC d Refer t	operative provided: adication from CMC is alle on ECAM SD, and be indication is available on avigation Display (ND).  330 aircraft equipped with APE5100-1 46951/MP S14769), the entire month of ary, intermittent erroneous ions (wrong, over-range, sing digits) of the elapsed and chronometer functions occur if the clock is in GPS In that case, the flightcrew set the clock selector to al (INT) mode in order to be the elapsed time and be meter functions. The clock sidered operative. When be we must synchronize the with the GPS at least the per day to comply with the precision required for ata link communication. To FCOM DSC-31-55-20, tion in Internal Mode	
30-01	Printer				Deleted, Revis	tion in Internal Mode. sion 5. 41-01, Printer.)	I

U.S. DEPAR	TMENT OF TRANSPORTA	OIT	N		MASTE	R MINIMUM EQUIPMENT L	IST
FEDERAL A	VIATION ADMINISTRATIO	N			1717 (012	IN MINIMONI EQUI MENT E	-101
AIRCRAFT:		RE\			O. 17a	PAGE NO.	
A330-200,	A330-200F, A330-300		DAT	E: 0	8/15/2017	31-2	
		MMI	EL T	ABL	E KEY		
SYSTEM &		1. F			CATEGORY		
SEQUENCE	ITEM		2.1		BER INSTALLE		
NO.				3.1		UIRED FOR DISPATCH	
24 INDICATI	NG/RECORDING SYSTEM	10			4. REMARKS	OR EXCEPTIONS	
Sequence No.	Item	1	2	3	4		Change
						of those required by	Bar
33-01	Flight Data Recorder (FDR) System	С	-	1		of those required by be inoperative.	
		<b>A</b>		0	a) Cockpoperate operate b) Airplar design operate 1) The pustor 2) The atternorm aircraft flight on ext degree prior to	rative provided: it Voice Recorder (CVR) es normally, ne is not dispatched from a ated airport as listed in the or's MEL unless: e FDR failure occurs after shback but prior to takeoff, e FDR repair was empted but was not ccessful. se cases where repair is oted but not successful, the t may be dispatched on a ar series of flights until the esignated airport where must be accomplished of dispatch, and is are made within it days.	
1)	FDR Recording Parameters Required by 14 CFR	A	-	-	be inoperative a) Cockp operat b) Repair	cording parameters may provided: it Voice Recorder (CVR) es normally, and es are made within endar-days.	
2)	FDR Recording Parameters Not Required by 14 CFR	A	-	-		rative provided repairs are the completion of the next nance visit.	

AIRCRAFT:	VIATION ADMINISTRATIO				IO. 17a	PAGE NO.	
A330-200	, A330-200F, A330-300				8/15/2017	31-3	
SYSTEM & SEQUENCE NO.	ITEM  ING/RECORDING SYSTEM	1. F	REP	AIR (		ED UIRED FOR DISPATCH S OR EXCEPTIONS	
Sequence No.	Item	1	2	3	4		Change
33-02	Flight Data Interface Unit (FDIU or FDIMU Flight Data Interface Function)	A	1	0	May be inope a) FDR is and b) Repai	erative provided: s considered inoperative, rs are made within t days.	Ваг
33-03	RCDR GND CTL pb-sw	Α	1	0	May be inope made within 3	erative provided repairs are 3 flight days.	
33-04 ***	Quick Access Recorder (QAR)	D	1	0		erative provided operations s do not require its use.	
36-01 ***	Digital ACMS Recorder (DAR)	D	1	0		erative provided operations s do not require its use.	
36-02 ***	Data Management Unit (DMU or FDIMU Data Management Function)	D	1	0		erative provided operations s do not require its use.	
53-01	Flight Warning Computers (FWC)	В	2	1		pe inoperative provided nimums do not require its	

AIRCRAFT:	VIATION ADMINISTRATIO				O. 17a PAGE NO.	
A330-200	), A330-200F, A330-300				8/15/2017 31-4 E KEY	
SYSTEM & SEQUENCE NO.  31. INDICAT Sequence No.	ITEM  ING/RECORDING SYSTEM  Item	1. F	REP/	AIR ( NUM	CATEGORY BER INSTALLED NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS	Chan
53-03	Altitude Alerting System	Α	-	0	(O) May be inoperative provided:	Bar
					<ul> <li>a) Autopilot with altitude hold and altitude capture operates normally,</li> <li>b) Enroute operations (i.e., RVSM) do not require its use,</li> <li>c) Airplane does not depart from a designated airport (as listed in the operator's MEL) where repair or replacement can be made, and</li> <li>d) Repairs are made within 3 flight days.</li> </ul>	
		С	-	1		
1)	Aural Alert	С	-	0	May be inoperative provided:  a) Visual alert operates normally, and b) Autopilot with altitude hold and altitude capture operates normally.	
2)	Visual Alert	С	-	0	May be inoperative provided:  a) Aural alert operates normally, and b) Autopilot with altitude hold and altitude capture operates normally.	
55-01	System Data Acquisition Concentrator Unit (SDAC)	В	2	1	SDAC 2 may be inoperative.	

U.S. DEPAR	TMENT OF TRANSPORTA	TIOI	N		MASTE	R MINIMUM EQUIPMENT	LIST
	VIATION ADMINISTRATIO						
AIRCRAFT:	A220 000E A220 200	RE'			O. 17a	PAGE NO.	
A330-200,	A330-200F, A330-300				8/15/2017	31-5	
-					E KEY		
SYSTEM &		1. 1			CATEGORY BER INSTALLI	FN	
SEQUENCE	ITEM		2. 1			UIRED FOR DISPATCH	
NO.				(5.8 %		OR EXCEPTIONS	
31. INDICATI	ING/RECORDING SYSTEM	MS					
Sequence No.	Item	1	2	3	4		Change Bar
56-01	ECAM Control Panel						
1)	System Page Manual Call pb	С	13	0			
2)	CLR pb	С	2	1			
3)	T.O. CONFIG pb	В	1	0	aircraft is verification takeoff.	operative provided the fied to be in the correct uration before each	

		/IATION ADMINISTRATION		//01/	7818	O 470	
AIRCRA A330-		A330-200F, A330-300	RE			O. 17a PAGE NO. 8/15/2017 31-6	
						E KEY	
SYSTEM	1 &		1. F			CATEGORY	
SEQUEN		ITEM		2.1		BER INSTALLED	
NO.					3. 1	NUMBER REQUIRED FOR DISPATCH	
31 INDI	CATI	NG/RECORDING SYSTE	:MC			4. REMARKS OR EXCEPTIONS	
Sequence N		Item	1	2	3	4	Chang
58-01		Warning/Caution		_		•	Bar
30-01		Message Logic					
1)		MASTER WARN					
	a)	Light	С	2	1		
	b)	Cancel Function	С	2	1		
2)		MASTER CAUT					
	a)	Light	С	2	1		
	b)	Cancel Function	С	2	1		
62-01		Display Management System					
1)		EFIS Portion (Without Mod. 47524)	С	3	2	One may be inoperative on DMC 2 provided EFIS DMC 3 is selected on F/O side.	
2)		ECAM Portion (Without Mod. 47524)	С	3	2	(O) One may be inoperative on DMC 2.	
3)		DMC (With Mod. 47524)	С	3	2	DMC 2 may be inoperative provided EFIS DMC 3 is selected on F/O side.	
63-01		Display Units (DU)	С	6	5	(O) PFD2, ND2, or SD units may be inoperative provided approach minimums do not require their use.	
			С	6	5	(O) Except for ER operations, ND1 unit may be inoperative provided approach minimums do not require its use.	

U.S. DEPAR	TMENT OF TRANSPORTA	OIT	N		MASTE	R MINIMUM EQUIPMENT LIST
FEDERAL A	VIATION ADMINISTRATIO	N			WAGTE	IN WINNING WE GOT WENT LIGT
AIRCRAFT:	A000 000E A000 000	RE\			O. 17a	PAGE NO.
A330-200,	A330-200F, A330-300				8/15/2017	31-7
					E KEY	
SYSTEM &		1. F			CATEGORY BER INSTALLE	=D
SEQUENCE	ITEM		2. 1			UIRED FOR DISPATCH
NO.						OR EXCEPTIONS
31. INDICATI	ING/RECORDING SYSTEM	/IS				
Sequence No.	Item	1	2	3	4	Change Bar
66-02	Engine/Warning Display (E/WD) Indications					
1)	MEMO Messages	С	-	0		
67-02	System Display (SD) Indications					
1)	Permanent Data (TAT, SAT, GLOAD, UTC, GW, GWCG) (Without Mod. 47524)	С	6	1		may be inoperative indication is available.
2)	Permanent Data (TAT, SAT, ISA, GLOAD, UTC, GW, GWCG) (With Mod. 47524)	C	7	1		may be inoperative indication is available.

U.S. DEPAR	RTMENT OF TRANSPORTA	OITA	V		
FEDERAL A	VIATION ADMINISTRATIO	N			MASTER MINIMUM EQUIPMENT LIST
AIRCRAFT:					O. 17a PAGE NO.
A330-200	, A330-200F, A330-300				8/15/2017 31-8
		_			E KEY CATEGORY
SYSTEM &	122.7	1. 1			BER INSTALLED
SEQUENCE NO.	ITEM		,		NUMBER REQUIRED FOR DISPATCH
100000000					4. REMARKS OR EXCEPTIONS
	ING/RECORDING SYSTE	MS	ı	ı	Chart
Sequence No.	Item	1	2	3	4 Change Bar
68-01	Electronic Instrument System (EIS) Switching				
1)	ECAM SWITCHING Panel				
a)	DMC Switching Selector	С	1	0	<ul><li>(M) May be inoperative provided:</li><li>a) Selector is in AUTO position, and</li><li>b) Automatic switching is verified to operate normally.</li></ul>
b)	ECAM/ND Switching Selector	С	1	0	<ul> <li>(O) May be inoperative provided:</li> <li>a) Selector is in NORM position,</li> <li>b) Both ECAM display units operate normally, and</li> <li>c) Automatic switching E/WD to SD operates normally.</li> </ul>
2)	EFIS DMC Panel				
a)	EFIS DMC Transfer Selectors	С	2	1	F/O selector may be inoperative provided:  a) F/O selector is in NORM position, and b) EFIS displays operate normally.
b)	PFD/ND pb	С	2	0	<ul> <li>(O) May be inoperative provided:</li> <li>a) Associated PFD and ND units operate normally, and</li> <li>b) PFD to ND automatic switching operates normally.</li> </ul>

AIRCRAFT:	VIATION ADMINISTRATIO		/ISIC	N NC	O. 17 PAGE NO.	
_	, A330-200F, A330-300				4/05/2017 32-1	
		_			E KEY	
SYSTEM &		1. F			CATEGORY	
SEQUENCE	ITEM		2.1		BER INSTALLED	
NO.				3.1	NUMBER REQUIRED FOR DISPATCH	
20 I ANDINI	O OFAD				4. REMARKS OR EXCEPTIONS	
32. LANDIN			2		4	Chan
Sequence No.	Item	1	2	3	4	Bai
11-01 ***	Main Landing Gear Oleo Pressure Indicator (With Mod. 55731 or Mod. 55922)	D	2	0		
31-01	Landing Gear Control and Interface Unit (LGCIU)	С	2	1	(M) LGCIU 2 may be inoperative provided both SFCCs operate normally.	
31-02	Safety Valve					
1)	Channels	С	2	1	(M) One channel may be inoperative provided the other channel is verified to operate normally.	
31-03	Landing Gear Retracting System	A	1	0	(M)(O) May be inoperative for a maximum of three flights provided the airplane is operated in accordance with the AFM supplement for gear down flight.	
33-01	Landing Gear Gravity Extension System	A	1	0	(M)(O) May be inoperative for a maximum of three flights provided the airplane is operated with landing gear down and in accordance with the AFM supplement for gear down flight.	
41-01	Nose Wheel and Main Wheel Tie Bolts (Except for Goodrich-Messier Basic Main P/N 3-1509-2, P/N 3-1509-3)	A		-	<ul> <li>(M) One tie bolt on one wheel may be broken or missing provided: <ul> <li>a) The affected tie bolt is removed,</li> <li>b) The wheel (and associated brake for the main wheel) are verified for absence of damage, and</li> <li>c) Repairs are made within five flights.</li> </ul> </li> </ul>	}

AIRCRAFT					0. 17	PAGE NO.	
A330-20	00, A330-200F, A330-300				4/05/2017	32-2	
SYSTEM 8 SEQUENCI NO.	E ITEM	_	REP	AIR ( NUM		ED UIRED FOR DISPATCH S OR EXCEPTIONS	
Sequence No.	Item	1	2	3	4		Chang
42-01	Main Wheel Brakes	C	8	6	(M)(O) One be be inoperative a) Affectoremove b) Green associoperatics c) Tacho operations and the control operation of the control operation	ed brake is deactivated or yed, and blue brake systems iated with operative brakes te normally, ometers associated with tive brakes operate ally, and performance penalties are	Ваг
42-02	Green System Brakes	С	8	6	landing gear in provided:  a) Green affected b) Tached operated normal c) AFM papplie	performance penalties are d, and orake system operates	
42-03	Braking/Steering Control Unit (BSCU) Systems	С	2	1			

U.S. DEF	PAR	TMENT OF TRANSPORTA	ATIOI	N			
						MASTER MINIMUM EQUIPMENT	LIST
AIRCRAI		VIATION ADMINISTRATIO		VISIO	ON N	IO. 17 PAGE NO.	
		A330-200F, A330-300				4/05/2017 32-3	
			ММ	EL T	ABL	E KEY	
SYSTEM	8		1. F	$\overline{}$		CATEGORY	
SEQUEN		ITEM		2.1		BER INSTALLED	
NO.					3. [	NUMBER REQUIRED FOR DISPATCH  4. REMARKS OR EXCEPTIONS	
32. LANI	DING	GEAR				4. KEMAKKO OK EXCELLIONO	
Sequence N		Item	1	2	3	4	Change Bar
42-04		AUTO/BRK					
1)		Function	С	1	0	May be inoperative provided approach minimums do not require its use.	
						NOTE: AUTO BRK line of TO MEMO will remain blue with MAX autobrakes inoperative.	
2)		AUTO/BRK Panel Mode Lights (LO, MED, MAX)					
	a)	ON	С	3	0	May be inoperative provided Auto Brake indications on ECAM WHEEL page operate normally.	
			С	3	0	May be inoperative provided associated autobrake mode is not used.	
	b)	DECEL	С	3	0	May be inoperative provided Auto Brake indications on ECAM WHEEL page operate normally.	
			С	3	0	May be inoperative provided associated autobrake mode is not used.	
42-05		Tachometers	С	8	7	(O) May be inoperative provided: d) AFM takeoff and landing penalties are applied, and e) The AUTO/BRK function is not used.	
42-06		Nose Wheel Brake Pads	С	2	0	(M) May be inoperative provided brake pads are removed.	

AIRCRAFT:	VIATION ADMINISTRATIO		VISIO	ON N	O. 17 PAGE NO.	
A330-200	), A330-200F, A330-300		DAT	E: 0	4/05/2017 32-4	
		_			E KEY	
SYSTEM & SEQUENCE NO.	ITEM	1. F		NUM	BER INSTALLED NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS	
32. LANDIN	G GEAR		,			
Sequence No.	Item	1	2	3	4	Chang Bar
42-07	Brake Indications on ECAM WHEEL Page					
1)	Release	С	8	0		
2)	ANTISKID	С	1	0		
3)	AUTO BRK, LO, MED, MAX	С	4	0		
4)	NORM BRK	С	1	0		
44-01	Blue System Brakes	С	8	6	<ul> <li>(M) Braking on one wheel per landing gear may be inoperative provided: <ul> <li>a) Blue hydraulic supply of affected brake is deactivated,</li> <li>b) Green brake system operates normally, and</li> <li>c) All thrust reversers operate normally.</li> </ul> </li> </ul>	
44-02	ACCU PRESS Indicator	С	1	0	<ul> <li>(O) May be inoperative provided:</li> <li>a) Both BRAKES pressure indicators operate normally, and</li> <li>b) The blue hydraulic pressure on both BRAKES pressure indicators is checked with parking brake ON before each flight.</li> </ul>	
44-03	BRAKES Pressure Indicators	С	2	1	<ul> <li>(M) One may be inoperative provided:</li> <li>a) Both BSCU systems operate normally, and</li> <li>b) The Alternate braking system is checked operative before the first flight of each day.</li> </ul>	
45-02	Parking Brake External Light	С	1	0	(O) May be inoperative provided parking brake status is verified before moving aircraft.	

	VIATION ADMINISTRATI				MASTER MINIMUM EQUIPMENT LIST
AIRCRAFT:		RE			IO. 17 PAGE NO. 4/05/2017 32-5
A330-200	), A330-200F, A330-300				
					.E KEY Category
SYSTEM &	1==14	'. '			BER INSTALLED
SEQUENCE NO.	ITEM			3.1	NUMBER REQUIRED FOR DISPATCH
101010011111111111111111111111111111111					4. REMARKS OR EXCEPTIONS
32. LANDIN		1 4	١,	١,	Change
Sequence No. 47-01	Proke Temperature	1 C	8	3 4	(M)(O) Up to two brake temperature
47-01	Brake Temperature Indications on ECAM WHEEL Page		•	4	indications per landing gear may be inoperative provided:  a) Associated sensor is deactivated if it triggers BRAKES HOT caution on EWD, and b) Ground brake cooling time is applied.
		C	8	4	<ul> <li>(M)(O) Up to two brake temperature indications per landing gear may be inoperative provided: <ul> <li>a) Associated sensor is deactivated if it triggers BRAKES HOT caution on EWD,</li> <li>b) All brake temperatures on the associated landing gear are measured using handheld infrared thermometer before each departure, and</li> <li>c) The temperature of the affected brake is equal to or lower than the highest of the temperatures measured with the infrared thermometer on the non-affected brakes of the same landing gear, before each departure.</li> </ul> </li> </ul>
48-01 ***	Brake Fan System	D	1	0	
1)	BRK FAN pb-sw				
a)	HOT Light	С	1	0	
b)	ON Light	С	1	0	
49-01 ***	ECAM Tire Pressure Indications	D	-	0	

AIRCRAFT:	VIATION ADMINISTRATIO		/ISIC	N NC	O. 17 PAGE NO.	
	, A330-200F, A330-300				4/05/2017 32-6	
					E KEY	
SYSTEM & SEQUENCE NO.	ITEM	1. F		NUM	DATEGORY BER INSTALLED NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS	
32. LANDING	G GEAR					
Sequence No.	Item	1	2	3	4	Chang Bar
49-02	Tire Pressure Warnings and Cautions on ECAM E/WD					
1) ***	WHEEL TIRE LO PR	D	1	0	<ul> <li>(M) May be inoperative on one or more wheels provided: <ul> <li>a) Associated pressure monitoring channel is deactivated if the WHEEL TIRE LO PR caution was triggered erroneously, and</li> <li>b) Tire pressure on affected wheel is verified to be within limits before the first dispatch under present MMEL item and every 3 calendar-days.</li> </ul> </li> <li>(M) May be inoperative on all wheels provided: <ul> <li>a) The Tire Pressure Indicating Computer (TPIC) is deactivated if the WHEEL TIRE LO PR caution was triggered erroneously, and</li> <li>b) Tire pressure on each wheel is verified to be within limits before</li> </ul> </li> </ul>	
51-01	Nose Wheel Steering Control System				the first dispatch under present MMEL item and every 3 calendar-days.  Deleted, Revision 9.	
51-02	PEDALS DISC pb	С	2	0	(O) May be inoperative in the released position. (No disconnection possible and NWS still available by rudder pedals.)	

AIRCRAFT:	VIATION ADMINISTRATIO , A330-200F, A330-300				IO. 17 4/05/2017	PAGE NO. 32-7				
A330-200	, 7030-2001 , 7030-300	BABA				32-1				
					.E KEY CATEGORY					
SYSTEM &				NUMBER INSTALLED						
SEQUENCE NO.	ITEM					UIRED FOR DISPATCH				
NO.				10000	4. REMARKS	OR EXCEPTIONS				
32. LANDIN	G GEAR									
Sequence No.	Item	1	2	3	4		Chan Ba			
51-03	Nose Wheel Steering Electrical Deactivation Box (For A/C Towing)	С	1	0	mode when le position.)	noperative. (No towing ever is in TOWING				
		С	1	0		e inoperative provided the al deactivation box is				
51-04	NW STEER Indication on ECAM WHEEL Page	С	1	0						
		İ	Ì	1	1					

U.S. DEFAR	RTMENT OF TRANSPORTA	AHOI	N		MASTER MINIMUM EQUIPMENT I	LIST
	AVIATION ADMINISTRATIO		// 01:1	<b></b>		
AIRCRAFT: A330-200	), A330-200F, A330-300	KE			NO. 17 PAGE NO. 32-8	
		ММ	EL T	ABL	LE KEY	
SYSTEM & SEQUENCE NO.	ITEM	1. F		MUN	CATEGORY MBER INSTALLED NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS	
32. LANDIN	G GEAR				4. NEWAKKO OK EXCELLIONO	
Sequence No.	Item	1	2	3	4	Change
53-01	Nose Landing Gear Oversteer System	D	1	0	(M) May be inoperative provided:  a) All aircraft towing is performed using a towbar, or using a towbarless vehicle fitted with an operative oversteer detection system, as required by Flight Manual limitations for towbarless operations, and b) Nose wheel steering system is verified for the absence of damage.	
1)	NWS TOWING pb-sw FAULT Light	D	1	0	<ul> <li>(M) May be inoperative provided:</li> <li>a) All aircraft towing is performed using a towbar, or using a towbarless vehicle fitted with an operative oversteer detection system, as required by Flight Manual limitations for towbarless operations, and</li> <li>b) Nose wheel steering system is verified for the absence of damage.</li> </ul>	
2)	Oversteer Red Light on the Nose Landing Gear	D	1	0		
61-01	LDG Gear Indicator Panel (UNLK and/or Down and Locked Triangle Indications)	В	1	0	<ul> <li>(O) May be inoperative provided:         <ul> <li>a) Both landing gear position indications (on ECAM WHEEL page) for all three landing gear operate normally, and</li> <li>b) Upper and lower ECAM display units operate normally.</li> </ul> </li> </ul>	

AIRCRAFT:	VIATION ADMINISTRATION		VISIC	N NC	IO. 17 PAGE NO.
	, A330-200F, A330-300	'\_			4/05/2017 32-9
					E KEY
SYSTEM &		1. F			CATEGORY
SEQUENCE	ITEM		2. 1		BER INSTALLED NUMBER REQUIRED FOR DISPATCH
NO.				J. 1	4. REMARKS OR EXCEPTIONS
32. LANDIN	G GEAR	1			-
Sequence No.	Item	1	2	3	4 Char Ba
61-02	Gear Not Down Indication				
1)	DOWN RED ARROW Light	В	1	0	(M) May be inoperative provided ECAM warning operates normally.
61-03	Landing Gear Indications on ECAM WHEEL Page				
1)	L/G Position	С	6	0	May be inoperative provided gear position indications are available on LDG GEAR indicator panel.
2)	UP LOCK	С	3	0	
3)	L/G Doors Position	С	4	0	May be inoperative provided airplane speed does not exceed 250 kt/M 0.55.
4)	L/G CTL	С	1	0	

U.S. DEPAR	TMENT OF TRANSPORTA	TIOI	N			
FEDERAL AV	/IATION ADMINISTRATIO	N			MASTE	ER MINIMUM EQUIPMENT LIST
AIRCRAFT:	A330-200F, A330-300				IO. 17a 8/15/2017	PAGE NO. 33-1
7,000 200,	71000 2001 ; 71000 000	ММ			E KEY	00 1
SYSTEM & SEQUENCE NO.	ITEM	_	REP/	AIR ( NUM	CATEGORY BER INSTALL NUMBER REQ	ED UIRED FOR DISPATCH S OR EXCEPTIONS
33. LIGHTS						
Sequence No.	Item	1	2	3	4	Change Bar
12-01	Cockpit/Flight Deck/ Flight Compartment and Instrument Lighting System					
1)	Without Mod. 47244	C			provided:  a) Rema are su all req and of are provided:  b) Rema are provided:  c) Lighting intension flights:  d) RH do the second ight of the cent and/or are expensed.	ining lighting system lights ifficient to clearly illuminate juired instruments, controls, ther devices for which they ovided, ining lighting system lights besitioned so that direct rays inielded from flightcrew iters' eyes, ing configuration and ity is acceptable to the rew, and imme light and left section of inter instrument panel flood inperate normally.  Idual button/switch lights or annunciations/indications included from this relief.
					(Continued)	

	TMENT OF TRANSPORTA		N		MASTE	R MINIMUM EQUIPMENT	LIST
	VIATION ADMINISTRATIO						
AIRCRAFT: A330-200,	, A330-200F, A330-300	RE\			IO. 17a 8/15/2017	PAGE NO. 33-2	
		ММ	EL T	ABL	E KEY		
OVOTENA		1. F	REP/	AIR C	CATEGORY		
SYSTEM & SEQUENCE	ITEM		2. 1	NUM	BER INSTALLI	ED	
NO.	I I EIVI			3.1		UIRED FOR DISPATCH	
					4. REMARKS	OR EXCEPTIONS	
33. LIGHTS							
Sequence No.	Item	1	2	3	4		Change Bar
12-01	Cockpit/Flight Deck/ Flight Compartment and Instrument Lighting System (Cont'd)						
2)	With Mod. 47244	C			provided:  a) Remainare sure all requand of are provided:  b) Remainare provided:  c) Lighting intensing flighted anormal NOTE: Individual and/or	ining lighting system lights fficient to clearly illuminate uired instruments, controls, ther devices for which they ovided, ining lighting system lights esitioned so that direct rays ielded from flightcrew ers' eyes, ng configuration and ity is acceptable to the rew, and eme light operates ally.  dual button/switch lights rannunciations/indications reluded from this relief.	

AIRCRAFT:	VIATION ADMINISTRATION		/101/	יא ואר	O. 17a	PAGE NO.	
	A330-200F, A330-300	KEY			8/15/2017	33-3	
		ММ	EL T	ABL	E KEY	1	
SYSTEM & SEQUENCE NO.	ITEM		REP/	AIR (	CATEGORY BER INSTALL NUMBER REC	ED QUIRED FOR DISPATCH S OR EXCEPTIONS	
33. LIGHTS Sequence No.	Item	1	2	3	4		Chang
14-01	Annunciator Light Test and Dimming	'	2	3	4		Bar
1)	TEST Function	A	1	0	a) Both and b) Repa	erative provided: FWCs operate normally, irs are made within nt days.	
2)	DIM Function	С	1	0		erative for non-night rovided BRT lighting mally.	
3)	BRT Function	С	1	0		erative for night operations in FWC operate normally.	

	TMENT OF TRANSPORTA				MASTE	ER MINIMUM EQUIPMENT LIST
FEDERAL AV	VIATION ADMINISTRATIO		/1910	N NC	IO. 17a	PAGE NO.
	A330-200F, A330-300	IXL.			8/15/2017	33-4
		ММ	EL T	ABL	E KEY	
SYSTEM & SEQUENCE NO.	ITEM	1. F	$\overline{}$	MUN		ED QUIRED FOR DISPATCH S OR EXCEPTIONS
33. LIGHTS						
Sequence No.	Item	1	2	3	4	Change Bar
20-01	Passenger/ Supernumerary Lighted Information Signs (No Smoking/ Fasten Seat Belt/ Return To Seat/ No Portable Electronic Devices (PED))					
1)	A330-200, A330-300	С	-	-	a) Association lavato which inform Faster No Posign is b) Associble blo "DO Note: These to prof	noperative provided: ciated passenger seat or ory is not occupied from a passenger lighted nation (No Smoking/ n Seat Belt/Return To Seat/ ortable Electronic Devices) s not readily legible, and ciated seat or lavatory must ocked and placarded NOT OCCUPY". e provisos are not intended hibit lavatory use or ctions by crewmembers.
		С	-	-	passenger se occupied prov a) PA sys and b) PA sys passe when	noperative and associated eat or lavatory may be vided: stem operates normally, stem is used to notify engers and cabin crew associated sign(s) are d on or off.

U.S. DEPAR	TMENT OF TRANSPORTA	ATIOI	N		MASTE	ER MINIMUM EQUIPMENT	LIST
	VIATION ADMINISTRATIO	N_			IVIAO I L		
AIRCRAFT: A330-200	, A330-200F, A330-300	RE'			IO. 17a 8/15/2017	PAGE NO. 33-5	
		ММ	EL T	ABL	E KEY		
SYSTEM & SEQUENCE NO.	ITEM	1. F		NUM		ED UIRED FOR DISPATCH S OR EXCEPTIONS	
33. LIGHTS							
Sequence No.	Item	1	2	3	4		Change Bar
20-01	Passenger/ Supernumerary Lighted Information Signs (No Smoking/ Fasten Seat Belt/ Return To Seat/ No Portable Electronic Devices (PED)) (Cont'd)						
2)	A330-200F	С	-	-	a) Associor lava which inform Faster No Posign is b) Associbe pla "DO N	noperative provided: ciated supernumerary seat atory is not occupied from a supernumerary lighted nation (No Smoking/ n Seat Belt/Return to Seat/ ortable Electronic Devices) s not readily legible, and ciated seat or lavatory must accarded NOT OCCUPY". e provisos are not intended hibit lavatory use or ctions by crewmembers.	
		С	-	-	(O) May be in supernumera occupied provan PA synand b) PA synand supern	noperative and associated ry seat or lavatory may be vided: stem operates normally, stem is used to notify numeraries when iated sign(s) are placed on	
20-02 ***	LEAVE MCR Sign (Lower Deck Cabin Crew Rest Compartment)					ision 9. (Moved to 4, Leave Compartment	

U.S. DEPAR	TMENT OF TRANSPORTA	TIOI	N			
FEDERAL A	VIATION ADMINISTRATIO	N			MASTER MINIMUM EQUIPMENT I	LIST
AIRCRAFT:	VIATION ADMINISTRATIO		VISIO	N NC	NO. 17a PAGE NO.	
A330-200,	, A330-200F, A330-300		DAT	E: 0	08/15/2017 33-6	
					SLE KEY	
SYSTEM &		1. F			CATEGORY	
SEQUENCE	ITEM		2. 1		MBER INSTALLED  NUMBER REQUIRED FOR DISPATCH	
NO.				J. I	4. REMARKS OR EXCEPTIONS	
33. LIGHTS				<u> </u>	4. REMARKS ON EXCELLIBER	
Sequence No.	Item	1	2	3	4	Change Bar
20-03	Crew Rest Compartment Signs ("NO SMOKING/ FASTEN SEAT BELT") (Flightcrew Rest Compartment, Lower Deck Cabin Crew Rest Compartment, Bulk Crew Rest Compartment, Lower Deck Mobile Crew Rest)	С	-	0	(O) Individual signs may be inoperative and affected bunk bed or seat(s) may be occupied provided an acceptable procedure is used to notify crewmembers when bed belts or seat belts should be fastened.	
		D	-	0	Individual signs may be inoperative provided affected crew rest compartment is locked closed and placarded inoperative.	
1)	With STC No. 02193SE	С	-	0	(O) Individual signs may be inoperative and affected bunk bed may be occupied provided an acceptable procedure is used to notify crewmembers when bed belts should be fastened.	
		D	-	0	Individual signs may be inoperative provided the flightcrew rest compartment is placarded inoperative.	
2)	With STC No. ST11686SE-T	С	-	0	(O) Individual signs may be inoperative and affected bunk bed or seat(s) may be occupied provided an acceptable procedure is used to notify crewmembers when bed belts or seat belts should be fastened.	
		D	-	0	(M)(O) May be inoperative provided effected cabin crew rest compartment is considered inoperative.	
					(Continued)	

U.S. DEPAR	TMENT OF TRANSPORTA	TIOI	N		MASTE	R MINIMUM EQUIPMENT L	IST
	VIATION ADMINISTRATIO						
AIRCRAFT: A330-200	, A330-200F, A330-300	RE\			IO. 17a 8/15/2017	PAGE NO. 33-7	
		ММ	EL T	ABL	E KEY		
SYSTEM & SEQUENCE NO.	ITEM	_	REP	AIR ( NUM	CATEGORY BER INSTALLE NUMBER REQI	ED UIRED FOR DISPATCH OR EXCEPTIONS	
33. LIGHTS					4. INEMIAINO	ON EXCEL HONG	
Sequence No.	Item	1	2	3	4		Change Bar
20-03	Crew Rest Compartment Signs ("NO SMOKING/ FASTEN SEAT BELT") (Flightcrew Rest Compartment, Lower Deck Cabin Crew Rest Compartment, Bulk Crew Rest Compartment, Lower Deck Mobile Crew Rest) (Cont'd)						Dali
3)	With STC No. ST02440SE	С	-	0	affected bunk occupied prov procedure is u crewmembers	ns may be inoperative and bed or seat(s) may be ided an acceptable used to notify swhen bed belts or uld be fastened.	
20-04 ***	Leave Compartment	D	-	0	` ' ' '	e inoperative provided crew rest compartment is operative.	
1)	Signs  "LEAVE MCR/ Return To Cabin" (Lower Deck Cabin Crew Rest Compartment) (A330-200, A330-300)	C	-	0	and affected be occupied provedure is used crewmembers compartment.  Individual sign provided affects	s when the affected should be evacuated.  as may be inoperative	
					placarded inor		

U.S. DEPAR	TMENT OF TRANSPORTA	OITA	V				
FEDFRAL AV	/IATION ADMINISTRATIO	N			MASTE	R MINIMUM EQUIPMENT I	LIST
AIRCRAFT:					O. 17a	PAGE NO.	
A330-200,	A330-200F, A330-300				8/15/2017	33-8	
		_			E KEY CATEGORY		
SYSTEM &	ITEM				BER INSTALL	ED	
SEQUENCE NO.	ITEM			3. 1		UIRED FOR DISPATCH	
800080000					4. REMARKS	OR EXCEPTIONS	
33. LIGHTS	Item	1	2	3	4		Change
Sequence No.		1	2	3	4		Bar
20-04 ***	Leave Compartment Signs (Cont'd)						
2)	"LEAVE LDMCR" (Lower Deck Mobile Crew Rest) (With STC No. ST02440SE)	С	-	0	and affected by occupied provedure is used to crewmembers	signs may be inoperative bunk bed or seat(s) may be vided an acceptable used to notify s when the affected should be evacuated.	
		D	-	0	provided affect	ns may be inoperative cted crew rest is locked closed and operative.	
20-05	Flight Deck AUTO Function of Cabin Signs Switch(es)	С	-	0	control function	operative provided manual on operates normally and or its use are established	
21-01	Cabin Light Systems						
1)	Cabin/Supernumerary Compartment						
a)	A330-200, A330-300						
i) ***	With Incandescent Escape Path Marking System	С	-	-	provided rema	ats may be inoperative aining lighting is sufficient ndants to perform their	
					(Continued)		

U.S. DEPAR	TMENT OF TRANSPORTA	IOITA	N		MASTE	ER MINIMUM EQUIPMENT I	LIST
	VIATION ADMINISTRATIO		// 01:1	<b></b>			
AIRCRAFT: A330-200,	A330-200F, A330-300	RE			IO. 17a 8/15/2017	PAGE NO. 33-9	
		MM	EL T	ABL	E KEY		
SYSTEM & SEQUENCE NO.	ITEM	1. F	$\overline{}$	MUN		ED UIRED FOR DISPATCH S OR EXCEPTIONS	
33. LIGHTS				1	1.112.113	01112/1021 110110	
Sequence No.	Item	1	2	3	4		Change Bar
21-01	Cabin Light Systems (Cont'd)						
1)	Cabin/Supernumerary Compartment (Cont'd)						
a)	A330-200, A330-300 (Cont'd)						
ii) ***	With Photoluminescent Escape Path Marking System	С	-	-	provided:  a) Rema for cal their of the	A engineering approval ter, A approved report of the pe Design holder, initations and Conditions ection of the applicable applemental Type ertificate (STC), or FAA approved report corporated in the Master rawing List for the oplicable STC.	
b) ***	A330-200F	С	-	-		nay be degraded provided for supernumeraries to duties.	

U.S. DEPAR	TMENT OF TRANSPORTA	TIOI	N				
FEDERAL AV	VIATION ADMINISTRATIO	N			MASTE	ER MINIMUM EQUIPMENT L	LIST
AIRCRAFT:					O. 17a	PAGE NO.	
A330-200,	A330-200F, A330-300		DAT	E: 0	8/15/2017	33-10	
		_			E KEY		
SYSTEM &		1.1			CATEGORY BER INSTALL	FN .	
SEQUENCE	ITEM		2.1			UIRED FOR DISPATCH	
NO.				000 0	4. REMARKS	OR EXCEPTIONS	
33. LIGHTS							
Sequence No.	Item	1	2	3	4		Change Bar
21-01	Cabin Light Systems (Cont'd)						
<b>2)</b> ***	Flightcrew Rest Compartment	С	-	-	provided the I	its may be inoperative lighting is sufficient for the s to access their bunk bed	
		D	-	0	flightcrew res	rative provided the tompartment is locked acarded inoperative.	
3) ***	Flightcrew Rest Compartment (With STC No. ST02193SE)	С	-	-	provided the I	its may be inoperative lighting is sufficient for the to access the bunk bed.	
		D	-	0		rative provided the t compartment is placarded	
<b>4)</b> ***	Lower Deck Cabin Crew Rest Compartment (A330-200, A330-300)	С	-	-	Up to 50% of may be inope	the general illumination rative.	
		С	-	1		may be inoperative stairway light operates	
		D	-	0	deck crew res	erative provided the lower st compartment is locked acarded inoperative.	
					(Continued)		

AIRCRAFT:	VIATION ADMINISTRATIO	_			O. 17a PAGE NO.	
A330-200	A330-200F, A330-300				8/15/2017 33-11	
					E KEY	
SYSTEM &		1.1			CATEGORY	
SEQUENCE	ITEM		2.1		BER INSTALLED NUMBER REQUIRED FOR DISPATCH	
NO.				3. 1	4. REMARKS OR EXCEPTIONS	
33. LIGHTS					4. NEWATING ON EXCENTIONS	
Sequence No.	Item	1	2	3	4	Cha
21-01	Cabin Light Systems (Cont'd)					
5)	Bulk Crew Rest Compartment (With STC No. ST11686SE-T)	С	-	-	Individual lights may be inoperative provided:  a) The lighting is sufficient for the crewmember to access the bunk bed, and b) The lighting intensity is acceptable to the flightcrew.	
		D	-	0	(M)(O) May be inoperative provided the bulk crew rest compartment is locked closed, not used, and considered inoperative.	
6)	Lower Deck Mobile Crew Rest (With STC No. ST02440SE)	С	-	0	Individual lights may be inoperative provided:  a) The lighting is sufficient for the crewmember to access the bunk bed, and b) The lighting intensity is acceptable to the flightcrew.	
		D	-	0	(M)(O) May be inoperative provided the bulk crew rest compartment is locked closed, not used, and considered inoperative.	
30-01	Cargo and Service Compartment Lighting System	С	1	0		

U.S. DEPAR	TMENT OF TRANSPORTA	ATIO	N						
			-		MASTER MINIMUM EQUIPMENT LIS	Т			
AIRCRAFT:	VIATION ADMINISTRATIO		VISIC	N NC	IO. 17a PAGE NO.				
	, A330-200F, A330-300	``_			8/15/2017 33-12				
		ММ	EL T	ABL	E KEY				
SYSTEM &		1. 1	$\overline{}$		CATEGORY				
SEQUENCE	ITEM		2. 1		BER INSTALLED NUMBER REQUIRED FOR DISPATCH				
NO.				4. REMARKS OR EXCEPTIONS					
33. LIGHTS					'				
Sequence No.	Item	1	2	3		inge ar			
30-02	Leave Compartment Signs (A330-200F With Mod. 200261-Access to MDCC During Flight)	С	10	9	One may be inoperative.				
		С	10	0	All may be inoperative provided that access to the MDCC during flight is not authorized.				
41-01	Navigation Lights Systems								
1)	Aircraft Equipped With One Navigation Lights System	С	1	0	May be inoperative for non-night operations.				
2) ***	Aircraft Equipped With Two Navigation Lights Systems	С	2	1	NAV 1 or NAV 2 system may be inoperative.				
		С	2	0	May be inoperative for non-night operations.				
42-01	Landing Lights	С	2	0	May be inoperative for non-night operation.				
		С	2	1	One may be inoperative provided taxi and takeoff lights operate normally.				
43-01	Runway Turnoff Lights	С	2	0					
46-01	Taxi and Takeoff Lights	С	2	0					
47-01	Logo Lights	D	2	0					

MMEL TABLE KEY  SYSTEM & SEQUENCE NO.  ITEM  Sequence No.  ITEM  Anti-Collision/Strobe Lighting  1	AIRCRAFT:	VIATION ADMINISTRATIO		/ISIC	)N N	O. 17a PAGE NO.	
SYSTEM & SEQUENCE NO.  ITEM 1		, A330-200F, A330-300					
SYSTEM & SEQUENCE NO.    2. NUMBER INSTALLED   3. NUMBER REQUIRED FOR DISPATCH   4. REMARKS OR EXCEPTIONS     33. LIGHTS   3. NUMBER REQUIRED FOR DISPATCH   4. REMARKS OR EXCEPTIONS     48-01			MM	EL T	ABL	E KEY	
SEQUENCE NO.   SEQU	SYSTEM &		1. F				
33. LIGHTS  34. REMARKS OR EXCEPTIONS  35. LIGHTS  36. LIGHTS  37. LIGHTS  38. LIGHTS  39. LIGHTS  39. LIGHTS  30. LIGHTS  30. LIGHTS  48-01		ITFM		2.1			
33. LIGHTS  Sequence No.   Ntem					3.1	-	
Sequence No.   Item						4. REMARKS OR EXCEPTIONS	
48-01 Anti-Collision/Strobe Lighting  1) Beacon Lights  C 2 0 (O) May be inoperative for non-night operations.  (O) May be inoperative provided: a) Strobe lights operate normally, and b) Alternate procedures are established and used.  2) Strobe Lights  C 3 0  49-01 Wing and Engine Scan Lighting  1) A330-200, A330-300  C May be inoperative for non-night operations.  A May be inoperative provided: a) Associated exit is considered inoperative, and b) Repairs are made within 1 flight day.  2) A330-200F  C 2 0 One or both may be inoperative for non-night operation.  C 2 1 One may be inoperative provided associated exit is considered inoperative.  B 2 0 Both may be inoperative provided associated exits are considered		T <sub>2</sub>	1 .				Char
Lighting  1) Beacon Lights  C 2 0 (O) May be inoperative provided: a) Strobe lights operate normally, and b) Alternate procedures are established and used.  2) Strobe Lights  C 3 0  49-01 Wing and Engine Scan Lighting  1) A330-200, A330-300  C May be inoperative provided: a) Strobe lights operate normally, and b) Alternate procedures are established and used.  C 4 0 (O) May be inoperative provided ground deicing procedures do not require their use.  50-01 Escape Slide Lighting  A May be inoperative provided: a) Associated exit is considered inoperative, and b) Repairs are made within 1 flight day.  C 2 0 One or both may be inoperative for non-night operation.  C 2 1 One may be inoperative provided associated exit is considered inoperative.  B 2 0 Both may be inoperative provided associated exits are considered							Ba
a) Strobe lights operate normally, and b) Alternate procedures are established and used.  49-01 Wing and Engine Scan Lighting  1) A330-200, A330-300  C May be inoperative provided: a) Associated exit is considered inoperative, and b) Repairs are made within 1 flight day.  2) A330-200F  C 2 0 One or both may be inoperative for non-night operation.  C 2 1 One may be inoperative provided associated exit is considered inoperative.  B 2 0 Both may be inoperative provided associated exits are considered	48-01		С	5	0	, , , , , , , , , , , , , , , , , , ,	
49-01 Wing and Engine Scan Lighting  1) A330-200, A330-300  C - May be inoperative provided: a) Associated exit is considered inoperative, and b) Repairs are made within 1 flight day.  C - C - One or both may be inoperative provided associated exit is considered inoperative.  B 2 0 Both may be inoperative provided associated exits are considered associated exits are considered	1)	Beacon Lights	С	2	0	<ul><li>a) Strobe lights operate normally,</li><li>and</li><li>b) Alternate procedures are</li></ul>	
Lighting  Description:  Lighting  Description:  Lighting  Description:  Description:  Lighting  Description:  Desc	2)	Strobe Lights	С	3	0		
1) A330-200, A330-300  C May be inoperative for non-night operations.  A May be inoperative provided:	49-01		С	4	0	deicing procedures do not require their	
operations.  A May be inoperative provided:	50-01	Escape Slide Lighting					
a) Associated exit is considered inoperative, and b) Repairs are made within 1 flight day.  C 2 0 One or both may be inoperative for non-night operation.  C 2 1 One may be inoperative provided associated exit is considered inoperative.  B 2 0 Both may be inoperative provided associated exits are considered	1)	A330-200, A330-300	С	-	-		
non-night operation.  C 2 1 One may be inoperative provided associated exit is considered inoperative.  B 2 0 Both may be inoperative provided associated exits are considered			A	1	-	<ul><li>a) Associated exit is considered inoperative, and</li><li>b) Repairs are made within</li></ul>	
associated exit is considered inoperative.  B 2 0 Both may be inoperative provided associated exits are considered	2)	A330-200F	С	2	0	I	
associated exits are considered			С	2	1	associated exit is considered	
			В	2	0	associated exits are considered	

LLC DEDAR	TMENT OF TRANSPORTA	TIO				
U.S. DEPAR	TMENT OF TRANSPORTA	AT IOI	N		MASTER MINIMUM EQUIPMENT I	LIST
	VIATION ADMINISTRATIO				0.47	
AIRCRAFT: A330-200	, A330-200F, A330-300	RE			O. 17a PAGE NO. 8/15/2017 33-14	
		мм	EL T	ABL	E KEY	
SYSTEM &					CATEGORY	
SEQUENCE	ITEM		2. 1		BER INSTALLED	
NO.	11 E.W			3.1	NUMBER REQUIRED FOR DISPATCH	
33. LIGHTS					4. REMARKS OR EXCEPTIONS	
Sequence No.	Item	1	2	3	4	Change
50-03	Flightcrew Rest	•	_			Bar
***	Compartment					
1)	Overhead Emergency Light	С	1	0	May be inoperative provided emergency wall light operates normally.	
		С	-	0	May be inoperative provided an operative flashlight is available in the flightcrew rest compartment.	
		D	1	0	May be inoperative provided the flightcrew rest compartment is locked closed and placarded inoperative.	
2)	2) Emergency Wall Light	С	1	0	May be inoperative provided overhead emergency light operates normally.	
		С	-	0	May be inoperative provided an operative flashlight is available in the flightcrew rest compartment.	
		D	1	0	May be inoperative provided the flightcrew rest compartment is locked closed and placarded inoperative.	
3)	Aft Sidewall Wash Light (With STC No. ST02193SE)	D	1	0	May be inoperative provided the flightcrew rest compartment is placarded inoperative.	

AIRCRAFT:	VIATION ADMINISTRATIO		// ©!/	יא ואר	IO. 17a PAGE NO.	
	, A330-200F, A330-300	KE			8/15/2017 33-15	
		ММ	EL T	ABL	E KEY	
SYSTEM & SEQUENCE NO.	ITEM	1. F	$\overline{}$	MUN	DATEGORY BER INSTALLED NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS	
33. LIGHTS						
Sequence No.	Item	1	2	3	4	Chan
50-04 ***	Lower Deck Cabin Crew Rest Compartment (A330-200, A330-300) Overhead Emergency	С	_	1		Jai
''	Lights			•		
		С	-	0	May be inoperative provided an operative flashlight is available in the lower deck cabin crew rest compartment.	
		D	-	0	May be inoperative provided the lower deck cabin crew rest compartment is locked closed and placarded inoperative.	
2)	2) EXIT Signs	С	-	-	Up to three non-adjacent bulbs or LEDs per sign may be inoperative.	
		С	-	0	May be inoperative provided stairway emergency light operates normally.	
		С	-	0	May be inoperative provided an operative flashlight is available in the lower deck cabin crew rest compartment.	
		D	-	0	May be inoperative provided the lower deck cabin crew rest compartment is locked closed and placarded inoperative.	
3)	EXIT Marker	С	1	0		
50-05	Interior and Exterior Emergency Lighting, Escape Path Markings, Exit Markings, and Flashlights	С	-	0	(O) May be inoperative or missing provided:  a) No passengers are carried, b) A maximum of 19 persons are carried as authorized by 14 CFR for non-passenger-carrying operations, and c) Alternate procedures are established and used.	

AIRCRAFT:	VIATION ADMINISTRATION		VISIO	ON N	IO. 17a PAGE NO.	
	, A330-200F, A330-300				8/15/2017 33-16	
		MM	EL T	ABL	E KEY	
SYSTEM &		1. F			CATEGORY	
EQUENCE	ITEM		2.1		BER INSTALLED	
NO.	11 = 141			3.1	NUMBER REQUIRED FOR DISPATCH	
10000000					4. REMARKS OR EXCEPTIONS	
33. LIGHTS						Lou
Sequence No.	Item	1	2	3	4	Char Ba
50-06 ***	Bulk Crew Rest Compartment (With STC No. ST11686SE-T)					
1)	Overhead Emergency Lights	С	-	1	May be inoperative.	
		С	-	0	(O) May be inoperative provided an operational flashlight is available in the bulk crew rest compartment.	
		С	-	0	<ul> <li>(M)(O) May be inoperative provided:</li> <li>a) The bulk crew rest compartment is locked closed and not used, and</li> <li>b) Alternate procedures are developed and used.</li> </ul>	
2)	EXIT Signs	С	-	-	Up to three non-adjacent bulbs or LEDs per sign may be inoperative.	
		С	-	0	May be inoperative provided stairway emergency light operates normally.	
		С	-	0	May be inoperative provided an operative flashlight is available in the bulk crew rest compartment.	
		С	-	0	<ul> <li>(M)(O) May be inoperative provided:         <ul> <li>a) The bulk crew rest compartment is locked closed and not used, and</li> <li>b) Alternate procedures are developed and used.</li> </ul> </li> </ul>	

U.S. DEPAR	TMENT OF TRANSPORT	ATIOI	N		MASTE	ER MINIMUM EQUIPMENT LIST
	VIATION ADMINISTRATION					
AIRCRAFT: A330-200,	, A330-200F, A330-300	RE			IO. 17a 8/15/2017	PAGE NO. 33-17
		MM	EL T	ABL	E KEY	
SYSTEM & SEQUENCE NO.	ITEM	1. F	$\overline{}$	NUM		ED UIRED FOR DISPATCH S OR EXCEPTIONS
33. LIGHTS				1	1	
Sequence No.	Item	1	2	3	4	Change Bar
50-07 ***	Lower Deck Mobile Crew Rest (With STC No. ST02440SE)					
1)	,		-	-	lights (excludi emergency lig provided:  a) Inoper lights a inoper b) Not me area li door o c) Vestib	of 25% of the emergency ing PSU mounted ghts) may be inoperative rative area illumination are not adjacent to rative emergency lights, ore than one overhead ight or exit sign at each or hatch is inoperative, and bule emergency light tes normally.
		С	-	0	operative flas	operative provided an hlight is available in the Mobile Crew Rest
		С	-	0	a) The Lov Rest is used, a b) Alternat	e inoperative provided: wer Deck Mobile Crew locked closed and not and tive procedures are bed and used.
2)	Emergency Lights (PSU Mounted)	С	6	-		rative provided associated dered inoperative and is
		С	-	0	a) The Lov Rest is used, a b) Alternat	e inoperative provided: wer Deck Mobile Crew locked closed and not and tive procedures are bed and used.
					(Continued)	

	VIATION ADMINISTRATION		// 0: -		DA 05 NO	
AIRCRAFT: A330-200,	A330-200F, A330-300	RE			IO. 17a PAGE NO. 8/15/2017 33-18	
		ММ	EL T	ABL	E KEY	
0)/07514.0					CATEGORY	
SYSTEM & SEQUENCE	ITEM		2.1	MUN	BER INSTALLED	
NO.	I I CIVI			3. 1	NUMBER REQUIRED FOR DISPATCH	
W1505055175					4. REMARKS OR EXCEPTIONS	
33. LIGHTS	ı		1	1		Chann
Sequence No.	Item	1	2	3	4	Chang Bar
50-07 ***	Lower Deck Mobile Crew Rest (With STC No. ST02440SE) (Cont'd)					
3)	EXIT Signs	С	-	-	Up to three non-adjacent bulbs or LEDs per sign may be inoperative.	
		С	-	0	May be inoperative provided stairway emergency light operates normally.	
		С	-	0	May be inoperative provided an operative flashlight is available in the Lower Deck Mobile Crew Rest compartment.	
		С	-	0	(M)(O) May be inoperative provided:  a) The Lower Deck Mobile Crew Rest is locked closed and not used, and b) Alternative procedures are developed and used.	

II S DEDAD	TMENT OF TRANSPORTA	\TIOI	NI			
			N .		MASTER MINIMUM EQUIPMENT	LIST
FEDERAL A' AIRCRAFT:	VIATION ADMINISTRATIC		\ <u> </u>	N MC	IO. 17a PAGE NO.	
_	A330-200F, A330-300	IXL.			8/15/2017 33-19	
		ММ	EL T	ABL	E KEY	
SYSTEM &		1. F			CATEGORY	
SEQUENCE	ITEM		2. [		BER INSTALLED NUMBER REQUIRED FOR DISPATCH	
NO.				0.1	4. REMARKS OR EXCEPTIONS	
33. LIGHTS						
Sequence No.	Item	1	2	3	4	Change Bar
51-01	Cabin Emergency Lighting					
1)	Overhead Emergency Lighting (A330-200, A330-300)	С	-	-	A maximum of three non-adjacent cabin overhead emergency lights may be inoperative.	
2)	Dome Emergency LED Light (A330-200F)	С	2	1	One Dome Emergency LED Light may be missing.	
3)	Lavatory Auxiliary Light	С	-	0		
4)	EXIT Sign (EXIT Marking, EXIT Location)					
a)	A330-200, A330-300	С	-	-	Up to three non-adjacent bulbs or LEDs may be inoperative in one or more signs.	
		A	-	-	One may be inoperative provided:  a) Associated exit is considered inoperative, and b) Repairs are made within 1 flight day.	
b)	A330-200F	С	2	-	A maximum of three non-adjacent bulbs or LEDs may be inoperative in one or both signs.	
		С	2	1	One may be inoperative provided associated exit is considered inoperative.	
		В	2	0	Both may be inoperative provided associated exit is considered inoperative.	
					(Continued)	

U.S. DEPAR	TMENT OF TRANSPORT	ATIOI	N		MASTER MINIMUM EQUIPMENT LIST
	VIATION ADMINISTRATION				
AIRCRAFT: A330-200	, A330-200F, A330-300	RE'		_	NO. 17a PAGE NO. 33-20
		ММ	EL T	ABL	LE KEY
SYSTEM & SEQUENCE NO.	ITEM	1. F		MUŅ	CATEGORY MBER INSTALLED NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS
33. LIGHTS					
Sequence No.	Item	1	2	3	4 Changi Bar
51-01	Cabin Emergency Lighting (Cont'd)				
5)	Floor Proximity Emergency Escape Path Marking System (A330-200, A330-300)				
a)	Incandescent System	С	1	-	Individual lights may be inoperative provided minimum acceptable lighting levels specified in one of the following documents are maintained:  a) FAA engineering approval letter, b) FAA approved report of the Type Design holder, c) Limitations and Conditions section of the applicable Supplemental Type Certificate (STC), or d) An FAA approved report incorporated in the Master Drawing List for the applicable STC.
b)	Photoluminescent System	С	1	-	Components may be inoperative provided minimum acceptable lighting levels specified in one of the following documents are maintained:  a) FAA engineering approval letter, b) FAA approved report of the Type Design holder, c) Limitations and Conditions section of the applicable Supplemental Type Certificate (STC), or d) An FAA approved report incorporated in the Master Drawing List for the applicable STC.

AIRCRAFT:	VIATION ADMINISTRATION				IO. 17a	PAGE NO.	
A330-200	, A330-200F, A330-300				8/15/2017	34-1	
SYSTEM &			REP	AIR (	E KEY CATEGORY		
SEQUENCE NO.	ITEM		2.1			UIRED FOR DISPATCH OR EXCEPTIONS	
34. NAVIGA	TION						
Sequence No.	Item	1	2	3	4		Change Bar
10-01	ADIRS						
1)	IR	С	3	2	provided:  a) Both f accele norma b) Both f operat c) For El may b d) Appro require	light controls Nz erometers operate ally, light controls Rate Gyros te normally, R operations, IR 2 only be inoperative, and ach minimums do not e its use. is inoperative, the Terrain on of TAWS is inoperative.	
2)	ADR	C	3	2	a) Affectors b) For EI may b c) Appro require	be inoperative provided: ed ADR is selected OFF, R operations, ADR2 only be inoperative, and ach minimums do not e its use. R 1 is inoperative, the S is inoperative.	

U.S. DE	PAR	TMENT OF TRANSPORT	ATIOI	N		MASTER MINIMUM EQUIPMENT	LIST
		VIATION ADMINISTRATION					
AIRCRA A330-		A330-200F, A330-300	RE'			IO. 17a PAGE NO. 8/15/2017 34-2	
			ММ	EL T	ABL	E KEY	
SYSTEM SEQUEN NO.		ITEM	1. F	$\overline{}$	MUN	BER INSTALLED NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS	
34. NAV	IGAT	TION				4. REMARKS OR EXCEPTIONS	
Sequence N		Item	1	2	3	4	Change Bar
10-02		ADIRS Panel					
1)		IR Mode Sel	С	3	2	May be inoperative provided associated IR is considered inoperative.	
2)		ON BAT Light	С	1	0		
3)		IR pb-sw					
	a)	FAULT Light	С	3	0		
	b)	OFF Light	С	3	0		
	c)	pb-sw	С	3	2	<ul> <li>(O) May be inoperative provided:</li> <li>a) Associated IR mode selector operates normally, and</li> <li>b) The two ADRs and two IRs associated with the operative IR pushbutton switches are operative.</li> </ul>	
4)		ADR pb-sw					
	a)	FAULT Light	С	3	0		
	b)	OFF Light	С	3	0		
	c)	pb-sw	С	3	2	<ul> <li>(O) May be inoperative provided:</li> <li>a) Associated IR mode selector operates normally, and</li> <li>b) The two ADRs and two IRs associated with the operative ADR pushbutton switches are operative.</li> </ul>	
5) ***		DATA Sel	С	1	0		
6) ***		SYS Sel	С	1	0		
<b>7)</b> ***		Display	С	1	0		
8) ***		Keyboard	С	1	0		

AIRCRAFT:	VIATION ADMINISTRATIO				O. 17a	PAGE NO.	
A330-200	, A330-200F, A330-300				8/15/2017	34-3	
SYSTEM & SEQUENCE NO.	ITEM		REP	AIR O		QUIRED FOR DISPATCH	
34. NAVIGA	TION				4. REMARKS	S OR EXCEPTIONS	
Sequence No.	Item	1	2	3	4		Chang
10-03	SWITCHING Panel						Dai
1)	ATT HDG Selector	С	1	0	a) Selec and	erative provided: stor is in NORM position, and IR 2 operate normally.	
2)	AIR DATA Selector	С	1	0	a) Selec and	erative provided: etor is in NORM position, 1 and ADR 2 operate ally.	
11-01	Angle of Attack Sensor	С	3	2		erative provided associated dered inoperative.	

U.S. DEPAR	RTMENT OF TRANSPORT	ΓΑΤΙΟΙ	N		
	AVIATION ADMINISTRATI				MASTER MINIMUM EQUIPMENT LIST
AIRCRAFT:					O. 17a PAGE NO.
A330-200	), A330-200F, A330-300				8/15/2017 34-4
					.E KEY Category
SYSTEM &	ITEM	'. '			BER INSTALLED
SEQUENCE NO.	ITEM			3.1	NUMBER REQUIRED FOR DISPATCH
34. NAVIGA	ATION				4. REMARKS OR EXCEPTIONS
Sequence No.	Item	1	2	3	4 Change Bar
13-01	Indications on PFD				
1)	Vertical Speed				
a)	Inertial Mode	С	2	0	
2)	Mach Number	С	2	1	
		С	2	0	May be inoperative provided:  a) Airplane remains at or below FL 300, and b) Operations or procedures do not require their use.
a)	With Mod 47244/ MP S14786	С	2	0	May be inoperative provided ISIS Mach number indication operates normally.
13-02	Indications on ND				
1)	Ground Speed	С	2	0	
2)	True Airspeed	С	2	0	
3)	Wind	С	2	0	
14-01	Indications on PFD and ND				
1)	ND Heading Display	С	2	1	
2)	MAP Information	С	2	1	May be inoperative on one side provided operations or procedures do not require its use.
3)	Radio Navaids	С	-	-	May be inoperative provided operations or procedures do not require its use.
4)	Chrono	С	2	0	

AIRCRAFT:	VIATION ADMINISTRATIO , A330-200F, A330-300				O. 17a 8/15/2017	PAGE NO. 34-5	
A330-200	, A330-2001 , A330-300	ММ			E KEY	34-3	
SYSTEM & SEQUENCE NO.  34. NAVIGA	ITEM		REP/	AIR (	CATEGORY BER INSTALL NUMBER REC	ED QUIRED FOR DISPATCH S OR EXCEPTIONS	
Sequence No.	Item	1	2	3	4		Chang
14-02 15-01 ***	NORTH REF pb-sw  Angle of Attack Indicator	C D	1	0		erative provided operations s do not require its use.	
21-01	Standby Airspeed Indicator						
1)	Airspeed Bugs	D	4	0			
21-02	Standby Altimeter						
1)	Altitude Bugs	D	4	0			
22-01	Standby Horizon	В	1	0	a) Opera non-n b) Opera into ki	erative provided: ations are conducted in ight VMC only, and ations are not conducted nown or forecast the-top conditions.	

AIRCRAFT:	VIATION ADMINISTRATI				O. 17a PAGE NO. 8/15/2017 34-6	
A330-200	), A330-200F, A330-300	200				
SYSTEM & SEQUENCE NO. 34. NAVIGA	ITEM		REP/	AIR ( NUM	E KEY CATEGORY BER INSTALLED NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS	
Sequence No.	Item	1	2	3	4	Chan
22-02	Standby Compass					
22-02 Standby Compass  1) Indicator	В	1	0	(O) May be inoperative provided:  a) The three IRs operate normally, and  b) ATT HDG, PFD/ND, and EFIS DMC switching operates normally.		
		В	1	0	May be inoperative provided:  a) The three IRs operate normally, and b) DDRMI operates normally.	
		В	1	0	<ul> <li>(O) May be inoperative provided:</li> <li>a) Any combination of two IRs are operative, and</li> <li>b) Airplane is operated with dual independent navigation capability and under positive radar control by ATC on enroute portion of flight.</li> </ul>	
2)	Lighting	C	1	0		

A330-200		VE.	VISIC	N NC	O. 17a PAGE NO.	
	), A330-200F, A330-300		DAT	E: 0	8/15/2017 34-7	
					E KEY	
SYSTEM & SEQUENCE NO.	ITEM	1. 1		NUM	CATEGORY BER INSTALLED NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS	ł
34. NAVIGA	TION					
Sequence No.	Item	1	2	3	4	Chang Bar
22-03	Integrated Standby Instrument System (ISIS)					
1)	Horizon (Attitude) Function	В	1	0	May be inoperative provided:  a) Operations are conducted in Day VMC only, and b) Operations are not conducted into known or forecast over-the-top conditions.	
2)	ILS Function	D	1	0		
3)	Mach Number Function	D	1	0		
4)	Bugs Function	D	1	0		
34-01 ***	Paravisual Indicator (PVI)	D	-	0		
36-01	ILS	С	2	-	As required by 14 CFR.	
37-01 ***	Microwave Landing Systems (MLS)	D	2	-	As required by 14 CFR.	

	VIATIONI ADMINISTRATIC	NN I			MASTER MINIMUM EQUIPMENT	LIST
AIRCRAFT:	VIATION ADMINISTRATIO		VISIO	ON N	IO. 17a PAGE NO.	
	, A330-200F, A330-300				8/15/2017 34-8	
		ММ	EL T	ABL	E KEY	
SYSTEM &		1. F	$\overline{}$		CATEGORY	
SEQUENCE	ITEM		2. I		BER INSTALLED	
NO.				3.1	NUMBER REQUIRED FOR DISPATCH  4. REMARKS OR EXCEPTIONS	
34. NAVIGA	TION		<u> </u>	<u> </u>	4. KEWAKKS OK EXCEPTIONS	
Sequence No.	Item	1	2	3	4	Chang
40-08 ***	ATSAW Function	D	1	0	May be inoperative.	
41-01	Weather Radar Systems	D	2	-	Any in excess of those required by 14 CFR may be inoperative.	
1)	Map Mode	С	-	0		
2)	Automatic Gain Control (CAL)	С	-	0	May be inoperative provided radar gain can be manually tuned to receive satisfactory radar returns.	
3)	Turbulence Detection Mode	С	1	0		
4)	Ground Clutter Suppression	С	1	0		
5) ***	Windshear Detection and Avoidance System (Predictive)	В	-	0	(O) May be inoperative provided alternate procedures are established and used.	
					NOTE: Operator's alternate procedure should include reviewing windshear avoidance and recovery procedures.	
		С	-	0	(O) May be inoperative provided:  a) Alternate procedures are established and used, and b) Windshear Warning and Guidance System (Reactive) operates normally.	

U.S. DEPAR	RTMENT OF TRANSPORTA	ATIOI	N			ICT
FEDERAL A	VIATION ADMINISTRATIO	N			MASTER MINIMUM EQUIPMENT L	.101
AIRCRAFT:	), A330-200F, A330-300			_	NO. 17a PAGE NO. 34-9	
		ММ	EL T	ABL	LE KEY	
SYSTEM & SEQUENCE NO.	ITEM	_	REP	AIR ( NUM	CATEGORY IBER INSTALLED NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS	
34. NAVIGA	TION					
Sequence No.	Item	1	2	3	4	Change Bar
42-01	Radio Altimeter Systems	A	2	1	<ul> <li>(M)(O) One may be inoperative provided: <ul> <li>a) The associated Radio Altimeter System is deactivated,</li> <li>b) All ADIRS, SFCCs, and LGCIUs operate normally,</li> <li>c) Repairs are made within 3 flight days, and</li> <li>d) Approach minimums do not require its use.</li> </ul> </li> <li>NOTE: If Radio Altimeter 1 is inoperative, the GPWS is considered inoperative.</li> </ul>	
42-02	Automatic Callout	С	1	0	May be inoperative provided approach minimums do not require its use.	
42-03	Altitude Alerting System				Deleted, Revision 1. (See item 31-53-03, Altitude Alerting System.)	
43-01	minimums do not require its us  Deleted, Revision 1. (See item 31-53-03, Altitude Al System.)  Traffic Alert and Collision Avoidance System (TCAS II)  minimums do not require its us  Deleted, Revision 1. (See item 31-53-03, Altitude Al System.)  (M) May be inoperative provide a) System is deactivated a secured, and	b) Enroute or approach procedures				
					NOTE: With Mod. 57794/MP S30415, the ATSAW function is considered inoperative.	l
		С	1	0	<ul> <li>(M)(O) May be inoperative provided: <ul> <li>a) Not required by 14 CFR,</li> <li>b) System is deactivated and secured, and</li> <li>c) Enroute or approach procedures do not require its use.</li> </ul> </li> <li>NOTE: With Mod. 57794/MP S30415, the ATSAW function is considered inoperative.</li> </ul>	I
					(Continued)	

AIRCRAFT:	VIATION ADMINISTRATIO , A330-200F, A330-300				IO. 17a 8/15/2017	PAGE NO. 34-10		
A330-200	, A330-2001 , A330-300	BABA				34-10		
SYSTEM & SEQUENCE	ITEM		REP	TABLE KEY AIR CATEGORY NUMBER INSTALLED				
NO.				3.1		UIRED FOR DISPATCH S OR EXCEPTIONS		
34. NAVIGA	TION	,		,				
Sequence No.	Item	1	2	3	4		Chang Bar	
43-01	Traffic Alert and Collision Avoidance System (TCAS II) (Cont'd)							
1)	Combined Traffic Alert (TA) and Resolution Alert (RA) Dual Display System(s)	С	2	1	pilot side prov a) TA an operat b) TA an	erative on the non-flying vided: d RA visual display is tive on flying pilot side, and d RA audio function is tive on flying pilot side.		
2)	Resolution Advisory (RA) Display System(s)	С	2	1	May be inope side.	rative on non-flying pilot		
		С	-	0	a) Traffic and au operat b) TA on crew, c) Enrou	ly mode is selected by the		
3)	Traffic Alert Display System(s)	С	-	0	a) RA vis function b) Enrou	noperative provided: sual display and audio ons are operative, and te or approach procedures t require its use.		
4)	Audio Functions	В	1	0		rative provided enroute or cedures do not require use		
5) ***	Airspace Selection Functions	С	-	0				

U.S. DEPAR	RTMENT OF TRANSPORT	ATIOI	N		MASTER MINIMUM EQUIPMENT LIST
FEDERAL A	VIATION ADMINISTRATION	NC			MASTER MINIMON EQUIPMENT LIST
AIRCRAFT: A330-200	, A330-200F, A330-300	RE'			O. 17a PAGE NO. 8/15/2017 34-11
		мм	EL T	ABL	E KEY
OVOTENA					CATEGORY
SYSTEM & SEQUENCE	ITEM		2.1	MUN	BER INSTALLED
NO.	I I CIVI			3. 1	NUMBER REQUIRED FOR DISPATCH
9000000					4. REMARKS OR EXCEPTIONS
34. NAVIGA	TION		•		To the state of th
Sequence No.	Item	1	2	3	4 Chang Bar
48-01	Ground Proximity Warning System (GPWS)	A	1	0	<ul> <li>(O) May be inoperative provided:</li> <li>a) Alternate procedures are established and used, and</li> <li>b) Repairs are made within 2 flight days.</li> </ul>
1)	Modes 1–4	A	4	0	<ul> <li>(O) May be inoperative provided:</li> <li>a) Alternate procedures are established and used, and</li> <li>b) Repairs are made within 2 flight days.</li> </ul>
2)	Test Mode	A	1	0	May be inoperative provided:  a) GPWS is considered inoperative, and b) Repairs are made within 2 flight days.
3)	Glideslope Deviation (Mode 5)	С	2	1	
		В	2	0	
<b>4)</b> ***	Advisory Callouts	В	-	0	(O) May be inoperative provided alternate procedures are established and used.
		С	-	0	May be inoperative provided:  a) Advisory callout not required by 14 CFR, and b) Alternate procedures are established and used.
					(Continued)

AIRCRAFT:					O. 17a 8/15/2017	PAGE NO. 34-12	
A330-200	), A330-200F, A330-300					34-12	
					E KEY CATEGORY		
SYSTEM &		1. 1			BER INSTALL	FD	
SEQUENCE	ITEM					QUIRED FOR DISPATCH	
NO.				0000		S OR EXCEPTIONS	
34. NAVIGA	TION						
Sequence No.	Item	1	2	3	4		Chang Bar
48-01	Ground Proximity Warning System (GPWS) (Cont'd)						
5) ***	Terrain System – Forward Looking Terrain Avoidance (FLTA) and Premature Descent Alert (PDA) Functions	В	1	0		noperative provided cedures are established	
6)	Terrain Displays	С	2	1			
		_					
		В	2	0			
7)	Runway Awareness and Advisory System (RAAS)	С	1	0			
51-01	Distance Measuring Equipment (DME) Systems	D	2	-		s of those required by be inoperative.	

AIRCRAFT:					IO. 17a PAGE NO.		
A330-20	0, A330-200F, A330-300		DAT	E: 0	8/15/2017 34-13		
		_			.E KEY Category		
SYSTEM & SEQUENCE NO.	ITEM	2. NUMBER INSTALLED  3. NUMBER REQUIRED FOR DISPATCH  4. REMARKS OR EXCEPTIONS					
34. NAVIGA	Item	1	2	3	4	Chang	
Sequence No.		В	2			Bar	
52-01	ATC Transponders and Automatic Altitude Reporting Systems	D	2	1	<ul> <li>May be inoperative provided: <ul> <li>a) Operations do not require its use, and</li> <li>b) Prior to flight, approval is obtained from ATC facilities having jurisdiction over the planned route of flight.</li> </ul> </li> <li>NOTE: If no ATC is available, the TCAS is considered inoperative.</li> <li>Any in excess of those required by 14 CFR may be inoperative.</li> </ul>	3	
					14 CFR may be inoperative.		
1) ***	Elementary and Enhanced Downlink Aircraft Reportable Parameters Not Required by 14 CFR	A	-	0	May be inoperative provided:  a) Operations do not require its use, and b) Repairs are made prior to completion of the next heavy maintenance visit.		
2)	ADS-B Squitter Transmissions (With Mod. 55661/ MP S18779)	D	-	0	May be inoperative provided operations do not require its use.	<b>:</b>	
		С	-	0	(O) May be inoperative provided alternate procedures are established and used.		
					NOTE: Any ADS-B Out function that operates normally may be used		
53-01 ***	ADF	D	-	-	Any in excess of those required by 14 CFR may be inoperative.		
55-01	VOR Navigation Systems	D	2	-	Any in excess of those required by 14 CFR may be inoperative.		
55-02	Marker Beacon	С	-	-	May be inoperative provided approach minimums do not require its use.		

U.S. DEPAR	TMENT OF TRANSPORTA	OITA	N			
FEDERAL A	VIATION ADMINISTRATIC	N			MASTER MINIMUM EQUIPMENT LIST	I
AIRCRAFT:	, A330-200F, A330-300				NO. 17a PAGE NO. 08/15/2017 34-14	
	<u> </u>	ММ	EL T	ABL	LE KEY	
SYSTEM & SEQUENCE NO.	ITEM	_	REP	AIR ( NUM	CATEGORY MBER INSTALLED NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS	
34. NAVIGA	ΓΙΟΝ			<u> </u>		
Sequence No.	Item	1	2	3	4 Chan	
57-01 ***	Radio Magnetic Information Switching and Indicating					_
1)	DDRMI (Without Mod. 53622 or With Mod. 53622 and Mod. 54662)					
a)	Compass Card	С	1	0		
b)	VOR Pointers	С	-	-	As required by 14 CFR.	
c)	DME Counters	С	-	-	As required by 14 CFR.	
d)	ADF Pointers	D	-	-	As required by 14 CFR.	
57-02	,	D	-	0	May be inoperative provided it is not required by 14 CFR.	
Automatic Dependent Surveillance-Broadcast (ADS-B) System				NOTE: If ADS-B is installed in lieu of or as a replacement for 14 CFR required equipment, the repair category in the operator's MEL will be the same as that of the 14 CFR required equipment.		
1)	Cockpit display and Traffic Information (CDTI)	D	-	0	NOTE: Cockpit Display Traffic Information (CDTI) display of data from other aircraft systems may be used.	
					(Continued)	

AIRCRAFT:	VIATION ADMINISTRATIO A330-200F, A330-300				IO. 17a 8/15/2017	PAGE NO. 34-15	
7,000 200,	71000 2001 , 71000 000	мм			E KEY	0110	
SYSTEM &			REP	AIR (	CATEGORY		
SEQUENCE	ITEM		2.1		BER INSTALL NUMBER REQ	ED UIRED FOR DISPATCH	
NO.				C. 8		OR EXCEPTIONS	
34. NAVIGA	TION	ı	1	ı			Lou
Sequence No.	Item	1	2	3	4		Cha B
57-02	Automatic Dependent Surveillance-Broadcast (ADS-B) System (Cont'd)						
2)	CDTI Control Panel	D	-	0	a) Flight b) Scree	erative provided:  ID can be set, and  n display is acceptable to ghtcrew.	
3)	Data Link Transmitter(s)	D	-	0			
					Transi of the	ne aircraft, the Data Link mission is an integral part transponder and relief is led in that section.	
4)	Data Link Receivers	D	-	0			
5)	ADS-B Applications	D	-	0			

AIRCRAFT:	VIATION ADMINISTRATIO				O. 17a PAGE NO.	
A330-200,	A330-200F, A330-300		DAT	E: 0	8/15/2017 34-16	
		_			E KEY	
SYSTEM & SEQUENCE NO.	ITEM	1. 1		MUN	BER INSTALLED NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS	
34. NAVIGA	ΓΙΟΝ				4. KLWAKKS OK EXCEPTIONS	
Sequence No.	Item	1	2	3	4	Chang
58-01	Satellite Navigation					Dai
1)	Global Positioning System (GPS)					
a)	Without Mod. 55661/ MP S18779 (ADS-B OUT Function)	С	2	0	(O) May be inoperative provided alternate procedures are established and used.	
		D	2	0	May be inoperative provided procedures do not require its use.	3
b)	With Mod. 55661/ MP S18779 (ADS-B OUT Function)	С	2	0	(O) May be inoperative provided alternate procedures are established and used.	
					NOTE: If no GPS is available, the ADS-B Squitter Transmissions are considered inoperative.	
		D	2	0	(O) May be inoperative provided procedures do not require its use.	
					NOTE: If no GPS is available, the ADS-B Squitter Transmissions are considered inoperative.	
61-01	Navigation Database	С	-	-	<ul> <li>(O) May be out of currency provided: <ul> <li>a) Current Aeronautical Charts are used to verify Navigation Fixes prior to dispatch,</li> <li>b) Procedures are established and used to verify status and suitability of Navigation Facilities used to define route of flight, and</li> <li>c) Approach Navigation Radios are manually tuned and identified.</li> </ul> </li> </ul>	l

U.S. DEPAR	TMENT OF TRANSPORTA	ATIOI	N			
			•		MASTER MINIMUM EQUIPMENT LI	ST
AIRCRAFT:	VIATION ADMINISTRATIO		VISIO	ON N	IO. 17a PAGE NO.	
A330-200	, A330-200F, A330-300		DAT	E: 0	8/15/2017 35-1	
					LE KEY	
SYSTEM &		1.1			CATEGORY IBER INSTALLED	
SEQUENCE NO.	ITEM				NUMBER REQUIRED FOR DISPATCH	
14110011111					4. REMARKS OR EXCEPTIONS	
35. OXYGEN Sequence No.	Item	1	2	3	4	Change
10-04	Exterior Crew Oxygen	C	1	0	(O) May be damaged or missing.	Bar
	Overpressure Indicator Disc (Green Disc)		'		(O) May be damaged of missing.	
12-01	Crew Oxygen Distribution System					
1) ***	Oxygen Cylinders (Dual System)					
a)		С	2	1	<ul> <li>(M)(O) May be inoperative provided: <ul> <li>a) Associated manual isolation valve is selected closed,</li> <li>b) Electrical connector associated with the pressure regulator of the inoperative oxygen cylinder is disconnected and stowed,</li> <li>c) No oxygen circuit leakage is detected, and</li> <li>d) A check is made before each flight to ensure that the remaining flightcrew oxygen is sufficient for the intended flight.</li> </ul> </li> </ul>	
b)	A330-200F				Refer to item 35-21-03, Gaseous Oxygen Cylinders.	1

7.000-20	0, A330-200F, A330-300	``_			O. 17a PAGE NO. 8/15/2017 35-2	
	J, A000-2001 , A000-300	BABA				
SYSTEM & SEQUENCE NO.			REP	AIR ( NUM	E KEY CATEGORY BER INSTALLED NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS	
35. OXYGE		T 4	٠,			Change
Sequence No.	Indications on DOOR/OXY ECAM Page	1	2	3	4	Bar
1)	OXY High Pressure Indications (A330-200, A330-300)					
а	) Single System	В	1	0	(M) May be inoperative provided oxyge pressure reading is verified before each departure.	
b **		С	2	1	May be inoperative provided associate oxygen cylinder is considered inoperative and not used.	ed
2)	CKPT & CAB OXY High Pressure Indications (A330-200F)				Refer to item 35-23-04 1), PAX OXY High Pressure Indication (A330-200, A330 300).	   
3)	REGUL LO PR Indication	С	1	0	(M)(O) May be inoperative provided the oxygen pressure is verified before the first flight of each day.	е
13-02	CREW SUPPLY pb-sw					
1)	OFF Light	С	1	0		

AIRCRAFT:	VIATION ADMINISTRATION		/ISIC	ON N	O. 17a PAGE NO.	
A330-200	, A330-200F, A330-300		DAT	E: 0	8/15/2017 35-3	
					E KEY	
SYSTEM & SEQUENCE NO.	ITEM	1. F		MUN	BER INSTALLED NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS	
35. OXYGEI	J			<u> </u>	4. KEMAKKS OK EXCEPTIONS	
Sequence No.	Item	1	2	3	4	Chan
<b>20-01</b> ***	Flightcrew Compartment					
1)	Individual Oxygen Module					
a)	A330-200, A330-300	С	-	-	May be inoperative provided associated bed bunk or seat is placarded "DO NOT OCCUPY".	
		С	-	-	May be inoperative provided airplane remains at or below FL 250.	
		С	-	-	May be inoperative and associated bed bunk or seat occupied provided a portable oxygen bottle and mask are available for the associated bed bunk or seat occupant.	
b)	A330-200F	С	-	-	May be inoperative provided associated bed bunk or seat is placarded "DO NOT OCCUPY".	
		С	-	-	May be inoperative provided airplane remains at or below FL 250.	
		С	-	-	One or more may be inoperative and the associated bed bunk or seat may be occupied provided a portable oxygen bottle and mask, in excess of those required, are available for the associated bed bunk or seat occupant.	

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U.S. DEPAR	TIVIENT OF TRANSPORTA	AT IOI	IN.		MASTER MINIMUM EQUIPMENT LIST
	VIATION ADMINISTRATIO		// () ()	20101	0.47-
AIRCRAFT: A330-200	, A330-200F, A330-300	KE			O. 17a PAGE NO. 8/15/2017 35-4
		ММ	EL T	ABL	E KEY
SYSTEM &			REP/	AIR (	CATEGORY
SEQUENCE	ITEM		2. 1		BER INSTALLED
NO.				3. ľ	NUMBER REQUIRED FOR DISPATCH  4. REMARKS OR EXCEPTIONS
35. OXYGEN	l				4. REMARKS OR EXCELLIBROR
Sequence No.	Item	1	2	3	4 Change Bar
20-02	Lower Deck Cabin Crew Rest Compartment				
1)	Individual Oxygen Module	С	-	-	May be inoperative provided associated bed bunk(s) is placarded "DO NOT OCCUPY".
		С	-	-	May be inoperative provided airplane remains at or below FL 250.
		С	-	-	May be inoperative and associated bed bunk occupied provided a portable oxygen bottle and mask are available for the associated bed bunk occupant.
20-03	Bulk Crew Rest Compartment (With STC No. ST11686SE-T)				
1)	Individual Oxygen Module	С	-	-	(M)(O) May be inoperative provided associated bed bunk(s) is placarded "DO NOT OCCUPY".
		С	-	-	(O) May be inoperative provided airplane remains at or below FL 250.
		С	-	-	(M) May be inoperative and associated bed bunk occupied provided a portable oxygen bottle and mask are available for the associated bed bunk occupant.
2)	DON OXY Mask Light	С	1	0	May be inoperative.

U.S. DEPAR	TMENT OF TRANSPORTA	OITA	V		NAACTE		ICT
FEDERAL AV	VIATION ADMINISTRATIO	N			IVIASTE	R MINIMUM EQUIPMENT I	101
AIRCRAFT:	A330-200F, A330-300				IO. 17a 8/15/2017	PAGE NO. 35-5	
		ММ	EL T	ABL	E KEY		
SYSTEM & SEQUENCE	ITEM		REP/	AIR (	CATEGORY BER INSTALLI		
NO.	11 E.W			3.1		UIRED FOR DISPATCH	
35. OXYGEN					4. REMARKS	OR EXCEPTIONS	
Sequence No.	Item	1	2	3	4		Change
20-04	Lower Deck Mobile	-	_				Bar
***	Crew Rest (With STC No. ST02440SE)						
1)	Individual Oxygen Module	С	-	-		e inoperative provided ed bunk(s) is placarded CUPY".	
		С	-	-		operative provided ins at or below FL 250.	
		С	-	-	bed bunk occ oxygen bottle	operative and associated upied provided a portable and mask are available for d bed bunk occupant.	
2)	DON OXY Mask Light	С	6	0	May be inope	rative.	

AIRCRAFT:	VIATION ADMINISTRATIO				O. 17a	PAGE NO.	
A330-200	, A330-200F, A330-300				8/15/2017	35-6	
SYSTEM & EQUENCE NO.	ITEM	_	REP/	AIR (		ED QUIRED FOR DISPATCH S OR EXCEPTIONS	
S5. OXYGEN equence No.	Item	1	2	3	4		Chang
21-01	Passenger/ Supernumerary Oxygen Storage	'	2	3	4		Bar
1)	Individual Cabin Modules						
a)	A330-200, A330-300	В	-	-	May be inope seats are place "DO NOT OC		
		В	-	-		be inoperative provided ains at or below FL 250.	
b)	A330-200F	С	-	-		may be inoperative ociated seats are operative.	
		В	-	-		be inoperative provided ains at or below FL 250.	
2)	Galley Modules (A330-200, A330-300)	В	-	-	galley occupi	erative and associated ed provided airplane below FL 250.	
		В	-	-	galley occupi oxygen bottle	erative and associated ed provided a portable and mask are available for ed galley occupant.	
		В	-	-	May be inope galley is not o	erative provided associated occupied.	

<u>FEDERAL A</u> AIRCRAFT:	VIATION ADMINISTRATION		<u>/ כור</u>	)NI N	IO. 17a	PAGE NO.	
	, A330-200F, A330-300	IXL			8/15/2017	35-7	
		ММ	EL T	ABL	E KEY		
SYSTEM & EQUENCE NO.	ITEM	1. F		MUŅ		QUIRED FOR DISPATCH	
0.430.5035.075	1				4. REMARK	S OR EXCEPTIONS	
35. OXYGEN sequence No.	Item	1	2	3	4		Chai
21-02	Lavatory Oxygen Modules	•		3	7		Ва
1)	A330-200, A330-300	В	-	-		erative provided lavatory is NOPERATIVE – CUPY".	
2)	A330-200F	С	1	0	May be inoperis not used.	erative provided the lavatory	
		С	1	0	oxygen bottle	erative provided a portable e and mask, in excess of ed, is available in the	

AIRCRAFT:	VIATION ADMINISTRATIO , A330-200F, A330-300				O. 17a PAGE NO. 8/15/2017 35-8	
71000 200	, 7,000 2001 , 7,000 000	ММ			E KEY	
SYSTEM & SEQUENCE NO.	ITEM	_	REPA	AIR ( NUM	CATEGORY BER INSTALLED NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS	
Sequence No.	Item	1	2	3	4	Chang
21-03 ***	Gaseous Oxygen Cylinders					Bar
1)	A330-200, A330-300	С	-	-	<ul> <li>(M) May be inoperative provided: <ul> <li>a) The associated manual shutoff valves are selected closed,</li> <li>b) The electrical connector associated with the pressure reducer of the inoperative oxygen cylinder is disconnected and properly stowed (for A330 Enhanced only),</li> <li>c) No oxygen leakage is detected, and</li> <li>d) The oxygen pressure is checked by direct reading on each operative oxygen cylinder before each flight and is sufficient for the intended flight.</li> </ul> </li> </ul>	
2)	A330-200F	С	-	-	<ul> <li>(M) Any in excess of one may be inoperative provided: <ul> <li>a) The associated manual shutoff valves are selected closed,</li> <li>b) No oxygen circuit leakage is detected, and</li> <li>c) A check is made before each flight to ensure the oxygen pressure is sufficient for flightcrew and supernumeraries for the intended flight by direct reading on the operating bottle pressure gauge.</li> </ul> </li> </ul>	
23-01	Passenger Oxygen Manual Control System	С	1	0	May be inoperative provided airplane remains at or below FL 250.	

AIRCRAFT:	AVIATION ADMINISTRATIO 0, A330-200F, A330-300			_	IO. 17a 8/15/2017	PAGE NO. 35-9	
A330-200	0, A330-2001 , A330-300	NANA				33-9	
					.E KEY CATEGORY		
SYSTEM &					BER INSTALL	ED	
SEQUENCE	ITEM					QUIRED FOR DISPATCH	
NO.				\$650		S OR EXCEPTIONS	
35. OXYGE	N						
Sequence No.	Item	1	2	3	4		Chang Bar
23-02	Passenger Oxygen AUTO Control System	С	1	0	a) Airpla FL 30 b) MAN	noperative provided: ane remains at or below 00, and control function is verified erate normally.	
		С	1	0		erative provided airplane r below FL 250.	
23-03	PASSENGER/CAB SYS ON Light	С	1	0			
23-04	Indications on DOOR/OXY ECAM Page (Cabin Fixed Oxygen System)						
1)	PAX OXY High Pressure Indication (A330-200, A330 300)	В	1	0	oxygen press reading prior	noperative provided the sure is checked by direct to each flight and is the intended flight.	
2)	CKPT & CAB OXY High Pressure (A330-200F)	В	1	0	oxygen press sufficient for reading on th	noperative provided the sure is checked to be the intended flight by direct ne associated cylinder uges before each flight.	
3)	REGUL LO PR Indication	В	1	0			
23-05 ***	Exterior PAX Oxygen Overpressure Indicator Disc (Green Disc)	С	1	0	(O) May be d	damaged or missing.	
23-06	CAB OXY pb-sw OFF Light (A330-200F)	С	1	0	May be inope	erative.	

AIRCRAFT:	VIATION ADMINISTRATIO				O. 17a	PAGE NO.
A330-200,	A330-200F, A330-300		DAT	E: 0	8/15/2017	35-10
					E KEY	
SYSTEM &		1. H			CATEGORY BER INSTALL	rp.
SEQUENCE	ITEM		2.1			UIRED FOR DISPATCH
NO.				J. 1		OR EXCEPTIONS
35. OXYGEN		1				
Sequence No.	Item	1	2	3	4	
31-01	Portable Oxygen Units (Bottle and Mask)	D	1	-	14 CFR may missing provide a) Requiservice through b) Bottles replace at the	cess of those required by be unserviceable or ded: red distribution of eable bottles is maintained shout the aircraft, and s not properly serviced are red, serviced, or removed next available enance facility.
32-01	Protective Breathing Equipment (PBE)	D		-	14 CFR may	s of those required by be inoperative or removed tion placarding is removed

SYSTEM & SEQUENCE NO.  36. PNEUMATIC Sequence No. Item Sy		1. F	EL T	ABL AIR (	### 15/2017  ### 1
36. PNEUMATIC Sequence No. Item 11-01 Ble Sy	eed Air Supply stems	1. F	2. I	AIR ( NUM 3. I	CATEGORY BER INSTALLED NUMBER REQUIRED FOR DISPATCH  4. REMARKS OR EXCEPTIONS  4  (O) Except for ER operations beyond 120 minutes, one may be inoperative provided:  a) Airplane remains at or below FL 370, b) Speedbrake control system operates normally, c) Associated ENG BLEED pb-sw is selected OFF, d) Crossbleed valve is selected OPEN, and e) APU and APU bleed air supply
36. PNEUMATIC Sequence No. Item 11-01 Ble Sy	eed Air Supply stems	1 C	2. 1	3. ľ	BER INSTALLED NUMBER REQUIRED FOR DISPATCH  4. REMARKS OR EXCEPTIONS  4  (O) Except for ER operations beyond 120 minutes, one may be inoperative provided:  a) Airplane remains at or below FL 370, b) Speedbrake control system operates normally, c) Associated ENG BLEED pb-sw is selected OFF, d) Crossbleed valve is selected OPEN, and e) APU and APU bleed air supply
NO.  36. PNEUMATIC Sequence No. Item 11-01 Ble Sy	eed Air Supply stems	C	2	3. 1	A REMARKS OR EXCEPTIONS  4  (O) Except for ER operations beyond 120 minutes, one may be inoperative provided:  a) Airplane remains at or below FL 370, b) Speedbrake control system operates normally, c) Associated ENG BLEED pb-sw is selected OFF, d) Crossbleed valve is selected OPEN, and e) APU and APU bleed air supply
36. PNEUMATIC Sequence No. Item 11-01 Ble Sy	eed Air Supply stems	C		3	4. REMARKS OR EXCEPTIONS  (O) Except for ER operations beyond 120 minutes, one may be inoperative provided:  a) Airplane remains at or below FL 370, b) Speedbrake control system operates normally, c) Associated ENG BLEED pb-sw is selected OFF, d) Crossbleed valve is selected OPEN, and e) APU and APU bleed air supply
Sequence No. Item  11-01 Ble Sy	eed Air Supply stems	C			(O) Except for ER operations beyond 120 minutes, one may be inoperative provided:  a) Airplane remains at or below FL 370, b) Speedbrake control system operates normally, c) Associated ENG BLEED pb-sw is selected OFF, d) Crossbleed valve is selected OPEN, and e) APU and APU bleed air supply
Sequence No. Item  11-01 Ble Sy	eed Air Supply stems	C			(O) Except for ER operations beyond 120 minutes, one may be inoperative provided:  a) Airplane remains at or below FL 370, b) Speedbrake control system operates normally, c) Associated ENG BLEED pb-sw is selected OFF, d) Crossbleed valve is selected OPEN, and e) APU and APU bleed air supply
<b>11-01</b> Ble Sy	eed Air Supply stems	C			(O) Except for ER operations beyond 120 minutes, one may be inoperative provided:  a) Airplane remains at or below FL 370, b) Speedbrake control system operates normally, c) Associated ENG BLEED pb-sw is selected OFF, d) Crossbleed valve is selected OPEN, and e) APU and APU bleed air supply
Sy	stems		2	1	120 minutes, one may be inoperative provided:  a) Airplane remains at or below FL 370, b) Speedbrake control system operates normally, c) Associated ENG BLEED pb-sw is selected OFF, d) Crossbleed valve is selected OPEN, and e) APU and APU bleed air supply
<b>11-02</b> Ble	eed Valves	_			Systems sperate memiany.
		С	2	1	<ul><li>(M) One may be inoperative provided:</li><li>a) Valve is secured closed, and</li><li>b) Associated engine bleed air supply system is not used.</li></ul>
<b>11-03</b> Ov	verpressure Valves	С	2	1	One may be inoperative provided associated engine bleed air supply system is not used.
		С	2	0	May be inoperative provided no AIR ENG 1(2) BLEED FAULT caution, due to overpressure, was triggered on ECAM E/WD during previous flight.
<b>11-04</b> Fa	n Air Valves	С	2	1	One may be inoperative provided associated engine bleed air supply system is not used.
<b>11-05</b> Ble	eed Air Precoolers	С	2	1	One may be inoperative provided associated engine bleed air supply system is not used.

AIRCRAFT:	VIATION ADMINISTRATION ASSOCIATION ADMINISTRATION ASSOCIATION ASSO	REVISION NO. 17a PAGE NO.								
A330-200	, A330-200F, A330-300	DATE: 08/15/2017 36-2								
					E KEY					
SYSTEM &		1.1	1. REPAIR CATEGORY							
SEQUENCE	ITEM		2.1		IUMBER INSTALLED  3. NUMBER REQUIRED FOR DISPATCH					
NO.				3.1	4. REMARKS OR EXCEPTIONS					
36. PNEUMA	ATIC			1	4. NEMANNO ON EXCELLIONS					
Sequence No.	Item	1	2	3	4	Chan				
11-06	IP Check Valves	С	2	1	One may be inoperative provided	Dai				
11 00	ii Olicok valves		_	•	associated engine bleed air supply system is not used.					
					(40/40)					
		С	2	1	(M)(O) One may be inoperative in open position provided:					
					a) Associated HP valve is secured					
					closed,					
					b) At low power setting, the					
					associated engine bleed air					
					supply system is not used, and c) The opposite engine bleed air					
					supply system operates					
					normally.					
11-07	HP Valves	С	2	1	One may be inoperative in closed					
					position provided associated engine					
					bleed air supply system is not used.					
		С	2	1	(M)(O)One may be inoperative provided:					
					a) Valve is secured closed,					
					b) At low power setting, the					
					associated engine bleed air					
					supply system is not used, and c) The opposite engine bleed air					
					supply system operates					
					normally.					
		С	2	1	(O) One may be inoperative in closed					
					position provided:					
					a) At low power setting, the					
					associated engine bleed air supply system is not used, and					
					b) The opposite engine bleed air					
					supply system operates					
					normally.					

U.S. DEPAR	TMENT OF TRANSPORTA	OITA	V		MASTE	R MINIMUM EQUIPMENT LIS				
FEDERAL A	VIATION ADMINISTRATIO	N			IVIAGTE	K MIMIMUM EQUIFMENT LIS				
AIRCRAFT: A330-200	, A330-200F, A330-300	REVISION NO. 17a PAGE NO. 36-3								
		ММ	EL T	ABL	E KEY					
SYSTEM &		_			CATEGORY					
SEQUENCE	ITEM	2. NUMBER INSTALLED								
NO.	11 ZW			3.1		UIRED FOR DISPATCH				
36. PNEUMATIC 4. REMARKS OR EXCEPTIONS										
Sequence No.	Item	1	2	3	4	Cha				
11-08		•		3	4	В				
11-06	Bleed Monitoring Computers (BMC)									
1)	Without Mod. 52260/ MP D44330 or Mod. 55198/ MP D46286	С	2	1	BMC 2 may b	e inoperative.				
		С	2	1		e inoperative provided the tection Loop is considered				
2)	With Mod. 52260/ MP D44330 or Mod. 55198/ MP D46286	С	2	1	One may be in	noperative.				
12-01	APU Bleed Air Supply System	С	1	0	180 minutes,	r ER operations beyond may be inoperative BLEED pb-sw remains				
12-02	APU Bleed Valve	С	1	0	closed positio	operative in secured n provided APU bleed air n is considered inoperative.				
		С	1	0	120 minutes,	r ER operations beyond may be inoperative in open ded APU is not used.				
12-03	APU Bleed Check Valve	С	1	0	180 minutes,	r ER operations beyond may be inoperative I bleed air supply system is				

U.S. DEPAR	TMENT OF TRANSPORT	ATIOI	N							
MASTER MINIMUM EQUIPMENT LIST FEDERAL AVIATION ADMINISTRATION										
AIRCRAFT:	VIATION ADMINISTRATION		VISIO	ON N	IO. 17a PAGE NO.					
A330-200	, A330-200F, A330-300		DAT	E: 0	8/15/2017 36-4					
					LE KEY					
SYSTEM &		1.1			CATEGORY IBER INSTALLED					
SEQUENCE NO.	ITEM				NUMBER REQUIRED FOR DISPATCH					
89303800111	. T.O.				4. REMARKS OR EXCEPTIONS					
36. PNEUMA Sequence No.	Item	1	2	3	4 Change					
12-04	Crossbleed Valve	'	_		Bar					
1)	Automatic Control	С	1	0	(O) May be inoperative provided manual					
,					control is verified to operate normally.					
2)	Manual Control	С	1	0	(O) May be inoperative provided automatic control is verified to operate normally.					
20-01	ENG BLEED pb-sw									
1)	FAULT Light	С	2	0	May be inoperative provided associated BMC operates normally.					
2)	OFF Light	С	2	0						
20-02	APU BLEED pb-sw									
1)	FAULT Light	С	1	0						
2)	ON Light	С	1	0						
					<u> </u>					

U.S. DEPARTMENT OF TRANSPORTATION												
MASTER MINIMUM EQUIPMENT LIST FEDERAL AVIATION ADMINISTRATION												
AIRCRAFT:	VIATION ADMINISTRATIO		VISIO	ON N	IO. 17a PAGE NO.							
A330-200	, A330-200F, A330-300		DAT	E: 0	8/15/2017 36-5							
					E KEY							
SYSTEM &	SYSTEM &				EPAIR CATEGORY  2. NUMBER INSTALLED							
SEQUENCE	ITEM		2.1		NUMBER REQUIRED FOR DISPATCH							
NO.					4. REMARKS OR EXCEPTIONS							
36. PNEUMATIC												
Sequence No.	Item	1	2	3	4	Bar						
20-03	Indications on ECAM BLEED Page											
1)	Engine Precooler Pressure	С	2	0								
2)	Engine Precooler Outlet Temperature	С	2	0								
3)	Engine Bleed Valve	С	2	0								
4)	Engine HP Valve	С	2	0								
5)	APU Bleed Valve	С	1	0	<ul> <li>(O) May be inoperative provided:</li> <li>a) The automatic control of the crossbleed valve is considered inoperative, and</li> <li>b) Alternate procedures are established and used.</li> </ul>							
6)	Crossbleed Valve	С	1	0								
22-01	Pylon Leak Detection Loops				Deleted, Revision 9. (See item 36-23-01 1), AIR ENG 1(2) BLEED LEAK, for relief.)	I						
22-02	Wing Leak Detection Loops				Deleted, Revision 7. (This is a MAINTENANCE STATUS message.)							

MASTER MINIMUM EQUIPMENT LIST FEDERAL AVIATION ADMINISTRATION											
AIRCRAFT:					IO. 17a	PAGE NO.					
A330-200	, A330-200F, A330-300		ΓΕ: 0	8/15/2017	36-6						
					E KEY						
SYSTEM &		1. F	$\overline{}$		CATEGORY	-n					
SEQUENCE	ITEM		2.1		BER INSTALL	UIRED FOR DISPATCH					
NO.				3. 1		OR EXCEPTIONS					
36. PNEUMA	ATIC				1 4. IVEIVI (I (I C	ON EXCENTIONS					
Sequence No.	Item	1	2	3	4		Change				
22-03	APU Leak Detection Loop										
1)	Without Mod. 52260/ MP D44330 or Mod. 55198/ MP D46286	С	1	0	a) The A and re and b) The A	noperative provided: PU check valve is removed eplaced by a cover plate, PU bleed air supply m is considered rative.					
		A	1	0	provided: a) The A operat b) The A	PU check valve is checked tive before each flight, and PU bleed air supply is considered rative.					
		C	1	0	inoperative pr a) Airplai FL 35i or FL b) The A and th ENG I during c) The E to OFI d) The P OFF, e) The X CLOS f) The A OFF, g) The P h) Speed and i) The ai knowr	ne remains at or below 0 (A330-200, A330-200F) 370 (A330-300), IR APU BLEED LEAK alert he APU LEAK FED BY ine were not displayed the previous flight, NG 1 BLEED pb-sw is set F, ACK 1 pb-sw is set to					

AIRCRAFT:					REVISION NO. 17a PAGE NO.						
A330-200	, A330-200F, A330-300					36-7					
SYSTEM & SEQUENCE NO.	ITEM	1. REPAIR CATEGORY 2. NUMBER INSTALLED 3. NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS									
Sequence No.	Item	1	2	3	4		Change Bar				
22-03	APU Leak Detection Loop (Cont'd)				(AA) Massilia ira						
2)	With Mod. 52260/ MP D44330 or Mod.55198/ MP D46286	C	2	0	a) The AF and repand b) The AF system inopera	operative provided: PU check valve is removed placed by a cover plate, PU bleed air supply is considered ative. e of a single loop is ed by a MAINTENANCE JS message. operative for three flights					
					a) The AF operation operat	PU check valve is checked ive before each flight, and PU bleed air supply is considered ative.  e of a single loop is ed by a MAINTENANCE JS message.					

U.S. DEPAR	TMENT OF TRANSPORTA	ATIOI	N		MACTED MINIMUM EQUIDMENT LIGH				
FEDERAL A	VIATION ADMINISTRATIO				MASTER MINIMUM EQUIPMENT LIST				
AIRCRAFT:					NO. 17a PAGE NO. 08/15/2017 36-8				
A330-200	, A330-2001 , A330-300	ММ	MMEL TABLE KEY						
SYSTEM &		_			CATEGORY				
SEQUENCE	ITEM		2.1		MBER INSTALLED  NUMBER REQUIRED FOR DISPATCH				
NO.				3.1	4. REMARKS OR EXCEPTIONS				
36. PNEUMA	ATIC								
Sequence No.	Item	1	2	3	4 Chang Bar				
22-03	APU Leak Detection Loop (Cont'd)								
2)	With Mod. 52260/ MP D44330 or Mod.55198/ MP D46286 (Cont'd)								
		С	2	0	<ul> <li>(O) Except for ER operations, may be inoperative provided: <ul> <li>a) Airplane remains at or below FL 350 (A330-200, A330-200F) or FL 370 (A330-300),</li> <li>b) The AIR APU BLEED LEAK alert and the APU LEAK FED BY ENG line were not displayed during the previous flight,</li> <li>c) The ENG 1 BLEED pb-sw is set to OFF,</li> <li>d) The PACK 1 pb-sw is set to OFF,</li> <li>e) The X-BLEED selector is set to CLOSE,</li> <li>f) The APU BLEED pb-sw is set to OFF,</li> <li>g) The PACK 2 operates normally, and</li> <li>i) The aircraft is not operated in known or forecast icing conditions along the intended route.</li> </ul> </li> <li>NOTE: Failure of a single loop is indicated by a MAINTENANCE STATUS message.</li> </ul>				

U.S. DEPAR	TMENT OF TRANSPORTA	TIOI	N							
MASTER MINIMUM EQUIPMENT LIST FEDERAL AVIATION ADMINISTRATION										
AIRCRAFT:	VIATION ADMINISTRATIO		VISIO	ON N	NO. 17a PAGE NO.					
A330-200,	A330-200F, A330-300		DAT	E: 0	08/15/2017 36-9					
		ММ	EL T	ABL	LE KEY					
SYSTEM &		1. F	$\overline{}$		CATEGORY					
SEQUENCE	ITEM		2.1		MBER INSTALLED NUMBER REQUIRED FOR DISPATCH					
NO.				J. 1	4. REMARKS OR EXCEPTIONS					
36. PNEUMATIC										
Sequence No.	Item	1	2	3	4 Change Bar					
23-01	Warning and Caution on ECAM EWD									
1)	AIR ENG 1(2) BLEED LEAK	С	2	1	<ul> <li>(M) May be displayed on ECAM EWD provided:</li> <li>a) There is no pylon air leakage, and</li> <li>b) Associated pylon loop is deactivated.</li> </ul>					
2)	AIR APU BLEED LEAK-APU LEAK FED BY ENG	С	1	0	<ul> <li>(M) May be displayed on EWD provided:</li> <li>a) There is no air leakage in the APU bleed air duct,</li> <li>b) The APU leak detection system is deactivated,</li> <li>c) The APU check valve is removed and replaced by a cover plate, and</li> <li>d) The APU bleed air supply system is considered inoperative.</li> </ul>					
		A	1	0	<ul> <li>(M) May be displayed on EWD for three flights provided: <ul> <li>a) There is no air leakage in the APU bleed air duct,</li> <li>b) The APU leak detection system is deactivated,</li> <li>c) The APU check valve is verified to operate normally before each flight, and</li> <li>d) The APU bleed air supply system is considered inoperative.</li> </ul> </li> </ul>					

	TMENT OF TRANSPORTA		N		MASTE	R MINIMUM EQUIPMENT	LIST				
FEDERAL A' AIRCRAFT:	VIATION ADMINISTRATIO		/1010	וא ואר	O. 9	PAGE NO.					
	A330-200F, A330-300	NE'			9/26/2007	38-1					
	·	ММ	EL T	ABL	E KEY						
SYSTEM &			REP/	AIR C	CATEGORY						
SEQUENCE	ITEM		2. 1		BER INSTALLI						
NO.				3.1		UIRED FOR DISPATCH OR EXCEPTIONS					
38. WATER/WASTE											
Sequence No.	Item	1	2	3	4		Change Bar				
10-01	Potable Water Systems	С	ı	1	inoperative pr a) Associon deactive b) Associon are ve  NOTE: Any poroperati	iated components are vated or isolated, and iated system components rified not to have leaks.  ortion of the system which les normally may be used.					
		C			a) Syster b) Proced	operative provided: In is drained, and Idures are established to It that system is not It is drained.					

AIRCRAFT:	A330-200F, A330-300	ON REVISION NO. 9 PAGE NO. 38-2						
A330-200,	A330-200F, A330-300	МАВЛ			E KEY			
SYSTEM &			REP	AIR (	CATEGORY			
SEQUENCE NO.	ITEM		2.1		BER INSTALLED NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS			
38. WATER/\	WASTE							
Sequence No.	Item	1	2	3	4	Cha Ba		
30-01	Lavatory Waste Systems (Including Wheelchair Accessible Lavatories)	С	-	-	<ul> <li>(M) Individual components may be inoperative provided:         <ul> <li>a) Associated components are deactivated or isolated, and</li> <li>b) Associated components are verified not to have leaks.</li> </ul> </li> <li>NOTE: Any portion of the system which operates normally may be used.</li> </ul>			
		С	-	-	<ul> <li>(M) Associated lavatory system(s) may be inoperative provided: <ul> <li>a) Associated components are deactivated or isolated to prevent leaks,</li> <li>b) The Pilot-in-Command will determine if flight duration is acceptable with a FWD Deck lavatory unusable, and</li> <li>c) Associated lavatory door(s) is secured closed and placarded "INOPERATIVE – DO NOT ENTER".</li> </ul> </li> </ul>			
					NOTE: These provisions are not intended to prohibit inspections by crewmembers.			
1)	Vacuum Generator Systems (Toilet)	С	2	0	<ul> <li>(M)(O) May be inoperative provided:</li> <li>a) Vacuum generator is deactivated, and</li> <li>b) Procedures are established and used to only allow use of the associated lavatory at or above 16,000 feet MSL.</li> </ul>			

AIRCRAFT		RE'			IO. 13	PAGE NO.		
A330-20	0, A330-200F, A330-300	DATE: 06/11/2012 45-1						
SYSTEM &		_	REP	AIR (	LE KEY CATEGORY IRER INSTALL	FD.		
SEQUENCE NO.	ITEM	2. NUMBER INSTALLED  3. NUMBER REQUIRED FOR DISPATCH  4. REMARKS OR EXCEPTIONS						
45. CENTR	AL MAINTENANCE SYSTE	M						
Sequence No.	Item	1	2	3	4		Change Bar	
10-01	CMC 1 pb-sw (Without Mod. 58416)	С	1	0				
13-01	Central Maintenance Computer(s) (CMC)							
1)	Without Mod. 58416	С	2	1				
		С	2	0		noperative provided cedures are established		
2)	With Mod. 58416	С	1	0		noperative provided cedures are established		
22-01	Up and Down Data Loading System Acquisition/Interface							
1)	DATA LOADER Rotary Selector (With Mod. 40783)	С	2	0				
2)	DATA LOADING SELECTOR (DLS) (With Mod. 50021)	С	1	0				
3)	Data Loading Routing Box (DLRB) (With Mod. 50021)	С	1	0				
23-01	Multipurpose Disk Drive Unit (MDDU)	С	1	0				

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FEDERAL AV	VIATION ADMINISTRATIO	N			- · <del>-</del>	· · · · · · · · · · · · · · · · · · ·					
AIRCRAFT:			VISIO	N NC	O. 13	PAGE NO.					
	A330-200F, A330-300				6/11/2012	45-2					
- ,	,	NARA				<u> </u>					
					E KEY						
SYSTEM &		1.1			CATEGORY	ED.					
SEQUENCE	ITEM		2. 1		BER INSTALL						
NO.				3.1		UIRED FOR DISPATCH					
3103000			<u> </u>		4. REMARKS	OR EXCEPTIONS					
45. CENTRAL MAINTENANCE SYSTEM											
Sequence No.	Item	1	2	3	4	Change Bar					
31-01 ***	Electronic Library	С	1	0							
	System (ELS)										
41-01	Printer	С	1	0							
41-01	Fillitei	C	•	U							

AIRCRAFT:					IO. 17	PAGE NO.	
A330-200	0, A330-200F, A330-300				4/05/2017	46-1	
					E KEY		
SYSTEM &		1.1			CATEGORY	ED	
SEQUENCE	ITEM		2. 1		BER INSTALL	UIRED FOR DISPATCH	
NO.				3. 1		OR EXCEPTIONS	
46. INFORM	MATION SYSTEMS		<u> </u>		4. NEWANK	ON EXCELLIONS	
Sequence No.	Item	1	2	3	4		Change
11-01	Electronic Flight Bag Systems (EFBs)						<u> </u>
<b>1)</b> ***	Class 3 EFBs	С	-	-		noperative provided cedures are established	
					docum	unction, program, or nent which operates ally may be used.	
		D	-	0	May be inope do not require	erative provided procedures e its use.	
<b>2)</b> ***	Data Connectivity (Class 2)	С	-	-		operative provided cedures are established	
		D	-	0	May be inope do not require	erative provided procedures e its use.	
3) ***	Power Connection (Class 1 and 2)	С	-	-		operative provided cedures are established	
		D	-	0	May be inope do not require	erative provided procedures e its use.	
<b>4)</b> ***	Mounting Device (Class 2)	С	-	0	a) Assoc secure or rem b) Altern	e inoperative provided: siated EFB and hardware is ed by an alternate means noved from the aircraft, and ate procedures are ished and used.	
		D	-	0	a) Assoc secure or rem	e inoperative provided: siated EFB and hardware is ed by an alternate means noved from the aircraft, and dures do not require its	

U.S. DEPAR	TMENT OF TRANSPORT	ATIOI	 N		
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AIRCRAFT:	VIATION ADMINISTRATIO		VISIO	N NC	IO. 17 PAGE NO.
	, A330-200F, A330-300	'\_			4/05/2017 46-2
		ММ	EL T	ABL	E KEY
SYSTEM &		1. F			CATEGORY
SEQUENCE	ITEM		2.1		BER INSTALLED NUMBER REQUIRED FOR DISPATCH
NO.				3.1	4. REMARKS OR EXCEPTIONS
46. INFORM	ATION SYSTEMS				
Sequence No.	Item	1	2	3	4 Chang Bar
21-01 ***	Air Traffic Service Unit (ATSU)	С	1	0	(O) May be inoperative provided alternate procedures are established and used.
		D	1	0	May be inoperative provided procedures do not require its use.
					NOTE: Any ATSU function or mode that operates normally may be used.
21-02 ***	Data Link Control Display Units (DCDU)	С	2	1	
		С	2	0	(O) May be inoperative provided alternate procedures are developed and used.
		D	2	0	May be inoperative provided procedures do not require its use.
21-03 ***	ATC MSG pb	С	2	1	
		С	2	0	(O) May be inoperative provided alternate procedures are developed and used.
		D	2	0	May be inoperative provided procedures do not require its use.
1)	ATC MSG Lights	D	2	0	

AIRCRAFT: A330-200, A330-200F, A330-300  MMEL TABLE KEY  SYSTEM & SEQUENCE NO. NO.  ATEL 03/07/2011  A7-1  MMEL TABLE KEY  1. REPAIR CATEGORY  2. NUMBER INSTALLED  3. NUMBER REQUIRED FOR DISPATCH  47. INERT GAS SYSTEM	U.S. DEPAR	TMENT OF TRANSPORTA	OITA	N		MASTE	R MINIMUM EQUIPMENT I	IST
A330-200, A330-200F, A330-300   DATE: 03/07/2011   47-1	FEDERAL A\	/IATION ADMINISTRATIO	N			WIXOTE	IN MINIMON EQUI MENT	_101
SYSTEM & SEQUENCE NO. ITEM  Sequence No. Item  1 2 3 4 Change Bar 10-01  FUEL TANK INERTING SYSTEM  MMEL TABLE KEY  1. REPAIR CATEGORY  2. NUMBER INSTALLED  3. NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS  1 2 3 4 Change Bar made within 20 flight days.			RE\					
SYSTEM & SEQUENCE NO.  ITEM  SEQUENCE NO.  ITEM  1. REPAIR CATEGORY  2. NUMBER INSTALLED  3. NUMBER REQUIRED FOR DISPATCH  4. REMARKS OR EXCEPTIONS  47. INERT GAS SYSTEM  Sequence No. Item  1 2 3 4 Change Bar  10-01 FUEL TANK INERTING SYSTEM  A 1 0 May be inoperative provided repairs are made within 20 flight days.	A330-200,	A330-200F, A330-300		DAT	E: 03	3/07/2011	47-1	
SYSTEM & SEQUENCE NO.  1 ITEM  2. NUMBER INSTALLED  3. NUMBER REQUIRED FOR DISPATCH  4. REMARKS OR EXCEPTIONS  47. INERT GAS SYSTEM  Sequence No. Item  1 2 3 4 Change Bar  10-01 FUEL TANK INERTING A 1 0 May be inoperative provided repairs are made within 20 flight days.								
SEQUENCE NO.    SEQUENCE NO.   Sequence No.   Item   1   2   3   4   Change Bar   10-01   FUEL TANK INERTING SYSTEM   A   1   0   May be inoperative provided repairs are made within 20 flight days.	SYSTEM &		1. F					
4. REMARKS OR EXCEPTIONS  47. INERT GAS SYSTEM  Sequence No.   Item	SEQUENCE	ITEM		2. r				
47. INERT GAS SYSTEM  Sequence No. Item 1 2 3 4 Change Bar  10-01 FUEL TANK INERTING A 1 0 May be inoperative provided repairs are made within 20 flight days.	NO.				3. I			
Sequence No. Item 1 2 3 4 Change Bar 10-01 FUEL TANK INERTING A 1 0 May be inoperative provided repairs are made within 20 flight days.	47. INERT GA	AS SYSTEM				7. INEMIAINO	OK EXCELLIONS	
10-01 FUEL TANK INERTING A 1 0 May be inoperative provided repairs are made within 20 flight days.			1	2	3	4		Change
		FUEL TANK INERTING SYSTEM				May be inope		Change Bar

AIRCRAFT	AVIATION ADMINISTRATI : 0, A330-200F, A330-300				IO. 17 4/05/2017	PAGE NO. 49-1	
A330-20	U, A330-200F, A330-300	BABA				49-1	
					.E KEY CATEGORY		
SYSTEM &		'. '			BER INSTALL	ED	
SEQUENCE	ITEM					UIRED FOR DISPATCH	
NO.				0000		OR EXCEPTIONS	
49. AIRBOI	RNE AUXILIARY POWER						
Sequence No.	Item	1	2	3	4		Chang Bar
11-01	APU System	С	1	0	120 minutes,	r ER operations beyond may be inoperative APU MASTER sw is set to	
		С	1	0	120 minutes,	ot for ER operations beyond may be inoperative J is deactivated or	
16-01	APU Air Intake Flap	С	1	0	(M) May be in	noperative in open position.	
		С	1	0	May be inope used.	erative provided APU is not	
30-01	APU AFT Fuel Pump	С	1	0	a) The fo	erative provided: prward APU pump operates ally, and s not used in flight above 5.	
		С	1	0	May be inope used.	erative provided APU is not	
30-02	APU Isol Valve	С	1	0	(M) May be in APU is not us	noperative closed provided sed.	
30-03	APU LP Valve	С	1	0	(M) May be in APU is not us	noperative closed provided sed.	
60-01	MASTER SW pb-sw						
1)	FAULT Light	С	1	0		erative provided N and EGT re available on ECAM APU	
2)	ON/R Light	С	1	0			

U.S. DEPAR	RTMENT OF TRANSPORTA	ATIOI	N		
			-		MASTER MINIMUM EQUIPMENT LIST
AIRCRAFT:	VIATION ADMINISTRATIO		VISIO	ON N	O. 17 PAGE NO.
	, A330-200F, A330-300			_	4/05/2017 49-2
		ММ	EL T	ABL	E KEY
SYSTEM &		1. F			CATEGORY
SEQUENCE	ITEM		2. [		BER INSTALLED NUMBER REQUIRED FOR DISPATCH
NO.				3.1	4. REMARKS OR EXCEPTIONS
49. AIRBOR	NE AUXILIARY POWER			1	
Sequence No.	Item	1	2	3	4 Change Bar
60-02	START pb-sw				
1)	AVAIL Light	С	1	0	May be inoperative provided AVAIL or N indications are available on ECAM APU page.
2)	ON Light	С	1	0	
70-01	ECAM APU Page Indications				
1)	APU Indications	С	-	0	May be inoperative provided procedures do not require their use.
2)	APU GEN Parameters	С	-	0	Except for ER operations beyond 120 minutes, may be inoperative provided both AC main generators are operative.
3)	LOW OIL LEVEL Message	В	-	0	<ul> <li>(M) May be inoperative provided:</li> <li>a) Oil level is verified before each refueling, and</li> <li>b) There is no evidence of abnormal consumption or leakage.</li> </ul>

U.S. DEPAR	TMENT OF TRANSPORTA	ATIOI	N		MASTE	R MINIMUM EQUIPMENT LIST
	/IATION ADMINISTRATIC	N			WASTE	·
AIRCRAFT: A330-200,	A330-200F, A330-300	RE			IO. 17a 8/15/2017	PAGE NO. 52-1
		ММ	EL T	ABL	E KEY	
SYSTEM & SEQUENCE NO.	ITEM	_	REPA	AIR (	CATEGORY BER INSTALLI NUMBER REQ	ED UIRED FOR DISPATCH S OR EXCEPTIONS
52. DOORS					1	
Sequence No.	Item	1	2	3	4	Change Bar
10-01	Main Entry Door/Slides					
1)	Main Entry Door/Slides A330-200, A330-300	A	-	-	slide missing a) All oth fully op b) Affecte passer c) A cons rope a the do placed door, d) Emerg proxim the ind	nay be inoperative or one provided: er main entry doors are perational, ed door is not used for inger loading, spicuous barrier strap or and a placard stating that or is inoperative shall be diacross the inoperative gency exit signs and floor inty lights associated with operative exit must be ed to obscure the signs and
					(Continued)	

US DEPAR	RTMENT OF TRANSPORTA	ATIOI	N			
			-		MASTER MINIMUM EQUIPMENT LIS	Т
AIRCRAFT:	VIATION ADMINISTRATIO		\/ISI(	A IAC	NO. 17a PAGE NO.	
	), A330-200F, A330-300		_	_	08/15/2017 52-2	
		ММ	EL T	ABL	BLE KEY	
SYSTEM & SEQUENCE NO.	ITEM	1. F		NUM	R CATEGORY MBER INSTALLED . NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS	
52. DOORS		,			·	
Sequence No.	Item	1	2	3		nge ar
10-01	Main Entry Door/Slides (Cont'd)					
1)	A330-200, A330-300 (Cont'd)				e) Passengers must be briefed not to use the affected door, f) All passenger seats halfway to the next exit in each direction from the inoperative door, across the entire width of the airplane, shall be blocked-off with conspicuous tapes or ropes that contrast with the interior prior to loading passengers. Only the seats in these areas shall be blocked; main passenger aisles, cross aisles, and exit areas must not be blocked. (For an inoperative forward door/slide, the blocked seating area shall extend from the forward cabin end, rearward to a line halfway between the inoperative forward door and the next set of doors aft of the inoperative one. For an inoperative rear door/slide, the blocked seating area shall extend forward from the aft cabin end to a line halfway between the inoperative door and the next set of doors forward of the inoperative one.),  (Continued)	

AIRCRAFT:	/IATION ADMINISTRATIO A330-200F, A330-300	_			NO. 17a 8/15/2017	PAGE NO. 52-3	
A330-200,	A330-200F, A330-300					52-3	
SYSTEM & SEQUENCE NO.  52. DOORS Sequence No.	ITEM	_	REP/	AIR (		ED UIRED FOR DISPATCH S OR EXCEPTIONS	Chang
10-01	Main Entry Door/Slides						Bar
1)	(Cont'd) A330-200, A330-300 (Cont'd)				shall be located are not passe h) Seating exceed remains i) For exceed of the slide/recapace remains addition capace in the slide for the slid	picuous signs and placards be placed in appropriate ons indicating these seats of to be occupied by engers, and capacity must not ad the rated capacity of the ning pairs of exits, attended range/overwater tions, occupancy shall not ad the normal rated capacity slide/rafts or the remaining rafts, or the rated overload city of the slide/rafts ining after loss of one onal slide/raft of greatest city, whichever is least, and ation procedures must be oped and approved by the Certificate-Holding District for inclusion in the tor's manual, and rs are made within at day.  In the slide of the	
					(Continued)		

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			•		MASTER MINIMUM EQUIPMENT LIST
AIRCRAFT:	VIATION ADMINISTRATION		\ <u> </u>	א ואכ	NO. 17a PAGE NO.
	, A330-200F, A330-300		_		08/15/2017 52-4
		ММ	EL T	ABL	LE KEY
SYSTEM & SEQUENCE NO.	ITEM	1. F		MUN	CATEGORY MBER INSTALLED NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS
52. DOORS					4. REMARKS OR EXCEPTIONS
Sequence No.	Item	1	2	3	4 Change Bar
10-01	Main Entry Door/Slides (Cont'd)				
1)	A330-200, A330-300 (Cont'd)	С	-	1	<ul> <li>(M)(O) May be inoperative or slide missing provided: <ul> <li>a) No passengers are carried,</li> <li>b) A maximum of 19 persons are carried as authorized by 14 CFR for non-passenger-carrying operations,</li> <li>c) Each person has unobstructed access from their seat to an operative exit, either regular or emergency,</li> <li>d) Inoperative exits are conspicuously identified as inoperative,</li> <li>e) Any emergency exit sign and floor proximity lights associated only with the inoperative exit(s) are covered to obscure the sign and lights,</li> <li>f) Safety briefing includes the location of the inoperative exit(s) and instructions not to use the inoperative exit(s), and</li> <li>g) Alternate procedures are established and used.</li> </ul> </li> </ul>
2)	A330-200F	С	2	1	One door/slide may be inoperative or slide missing.
		В	2	0	<ul> <li>(O) Both doors/slides may be inoperative or slides missing provided:</li> <li>a) Only essential crewmembers, including official observer(s) in the observer seat(s), are allowed on the flight, and</li> <li>b) An alternate means of egress is available.</li> </ul>

AIRCRA		/IATION ADMINISTRATIO		VISIO	ON N	O. 17a PAG	E NO.	
A330-	200,	A330-200F, A330-300		DAT	E: 0	3/15/2017	52-5	
			_			E KEY		
SYSTEM	1 &		1. F			CATEGORY BER INSTALLED		
SEQUEN	CE	ITEM		2.1		IUMBER REQUIRE	O FOR DISPATCH	
NO.					0. 1	4. REMARKS OR E		
52. DOO	RS							
Sequence N	0.	Item	1	2	3	4		Chan Ba
10-03		Passenger/ Supernumerary Compartment Exit Stop Fitting	С	-	-	One per exit may be provided airplane re unpressurized.		
			A	-	-	other stop fit door, b) Stop fittings	visible damage on citings for affected at beams 1, 2, 7, th No. 1 doors mally, and	
10-04		Door Damper and Emergency Operation						
1)		Damper Function						
	a)	A330-200, A330-300	С	8	0			
	b)	A330-200F	С	2	0			
2)		Emergency Opening Function						
	a)	A330-200, A330-300	A	8	7	One may be inoperated a) Affected exiting inoperative, b) Repairs are 1 flight day.	is considered and	
	b)	A330-200F	С	2	1	One may be inopera		
			В	2	0	including off the observer on the flight,	l exits are noperative, ial crew members, icial observer(s) in seat(s), are allowed	

FEDERAL A AIRCRAFT:	VIATION ADMINISTRATIO		/ 0 /	יא ואר	O. 17a PAGE NO.	
	, A330-200F, A330-300	KE			8/15/2017 PAGE NO. 52-6	
		ММ	EL T	ABL	E KEY	
SYSTEM & SEQUENCE	ITEM	1. F	$\overline{}$	MUN	CATEGORY BER INSTALLED NUMBER REQUIRED FOR DISPATCH	
NO.				J. 1	4. REMARKS OR EXCEPTIONS	
52. DOORS					,	
Sequence No.	Item	1	2	3	4	Chang Bar
10-05	Door Bottle Pressure Indication				Deleted, Revision 9. (See item 23-73-02 6), Door Bottle Pressure Indication on FAP, for relief.)	
10-06	Passenger/ Supernumerary Compartment Door Stay Mechanism					
1)	A330-200, A330-300	A	8	7	One may be inoperative provided:  a) Affected exit is considered inoperative, and b) Repairs are made within 1 flight day.	
2)	A330-200F	С	2	1	One may be inoperative provided the affected exit is considered inoperative.	
		В	2	0	Both may be inoperative provided the affected exits are considered inoperative.	
10-07	Passenger/ Supernumerary Compartment Door Spring Rod Assembly					
1)	A330-200, A330-300	С	8	0	(M) May be inoperative provided affected spring rod assembly is removed.	
2)	A330-200F	С	2	0	(M) May be inoperative provided affected spring rod assembly is removed.	
30-01	Cargo Doors	С	-	0	May be inoperative in closed and locked position provided they are indicated locked on ECAM DOOR/OXY page.	
30-02	Cargo Door Actuators	С	-	0	(M) May be inoperative provided:  a) Integrity of yellow hydraulic system is not affected, and b) Affected door is manually operated with a crane.	

AIRCRAFT:	VIATION ADMINISTRATIO		VISIC	N NC	O. 17a PAGE NO.	
_	, A330-200F, A330-300	11			8/15/2017 52-7	
		ММ	EL T	ABL	E KEY	
SYSTEM & SEQUENCE NO.	ITEM	1. F		NUM	CATEGORY BER INSTALLED NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS	
52. DOORS						
Sequence No.	Item	1	2	3	4	Chang Bar
30-03	Lower Deck Cargo Door Latching Hooks, Spools, and Bolts	С	-	-	<ul> <li>(M) One latching hook, spool, or bolt per door may be inoperative provided:</li> <li>a) Remainder are normal,</li> <li>b) All hinge arms and hinge bolts are without damage, and</li> <li>c) Flight is conducted in an unpressurized configuration.</li> </ul>	
30-04	Lower Deck Cargo Door Hinge Arm or Hinge Bolts	С	-	-	<ul> <li>(M) One hinge arm or bolt per door may be inoperative provided: <ul> <li>a) Remainder are normal,</li> <li>b) All latching hooks, spools, and bolts are without any damage and,</li> <li>c) Flight is conducted in an unpressurized configuration.</li> </ul> </li> </ul>	
30-06	Cargo Door Electrical Control	С	-	0	May be inoperative provided the associated door can be operated using the hand pump.	
		С	-	0	May be inoperative provided the associated door is not used.	
30-07	Cargo Door Open/Locked Indicator Light	D	2	0	(O) May be inoperative provided the affected cargo door is in the fully open position during loading and unloading operations.	
30-08	Main Deck Cargo Door Piano Hinge Lugs, Latching Hook, Spool, and Bolt (A330-200F)	С	-	-	<ul> <li>(M) One latching hook, spool, or bolt may be inoperative provided:</li> <li>a) All the other latching hooks, spools, bolts, and hinge lugs are without any damage, and</li> <li>b) Flight is conducted in an unpressurized configuration.</li> </ul>	
		С	-	-	<ul> <li>(M) One of two piano hinge lugs may be inoperative provided:</li> <li>a) All the other latching hooks, spools, bolts, and hinge lugs are without any damage, and</li> <li>b) The flight is conducted in an unpressurized configuration.</li> </ul>	

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			•		MASTER MINIMUM EQUIPMENT LIST
AIRCRAFT:	VIATION ADMINISTRATION		VISIO	N NC	O. 17a PAGE NO.
_	A330-200F, A330-300	'\_			8/15/2017 52-8
		ММ	EL T	ABL	E KEY
SYSTEM &	ITEM.	1. F			CATEGORY BER INSTALLED
SEQUENCE NO.	ITEM			3. 1	NUMBER REQUIRED FOR DISPATCH  4. REMARKS OR EXCEPTIONS
52. DOORS					14. NEWAKKO OK EXOLI HONO
Sequence No.	Item	1	2	3	4 Change Bar
50-01 ***	Flight Deck Door Lock Solenoid				Deleted, Revision 12.
50-02	Cockpit Door Locking System (Automatic System) 14 CFR § 25.795 Compliant				
1)	A330-200, A330-300 (With Mod. 50014/ MP D44099)	A	1	0	<ul> <li>(M)(O) May be inoperative provided:</li> <li>a) Automatic locking system is deactivated,</li> <li>b) Door deadbolt operates normally and is used to lock the door,</li> <li>c) Alternate procedures are established and used for locking and unlocking the door using the deadbolt, and</li> <li>d) Repairs are made within 2 flight days.</li> </ul>
a)	Cockpit Door Toggle Switch				
i)	UNLOCK Function	В	1	0	<ul> <li>(O) May be inoperative provided:         <ul> <li>a) LOCK and NORM functions are verified to operate normally, and</li> <li>b) Alternate procedures are established and used.</li> </ul> </li> </ul>
ii)	LOCK Function	В	1	0	<ul> <li>(M)(O) May be inoperative provided:</li> <li>a) Keypad is deactivated,</li> <li>b) UNLOCK and NORM functions are verified to operate normally, and</li> <li>c) Alternate procedures are established and used.</li> </ul>
					(Continued)

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			N		MASTER MINIMUM EQUIPMENT LIST
FEDERAL AV	VIATION ADMINISTRATION		/101/	7NI N	O. 17a PAGE NO.
	A330-200F, A330-300	KE			8/15/2017 52-9
		ММ	EL T	ABL	E KEY
SYSTEM &		1. F	$\overline{}$		CATEGORY
SEQUENCE	ITEM		2.1		BER INSTALLED
NO.				3.1	NUMBER REQUIRED FOR DISPATCH  4. REMARKS OR EXCEPTIONS
52. DOORS					4. REMARKE SR EXCELLIBRO
Sequence No.	Item	1	2	3	4 Change Bar
50-02	Cockpit Door Locking System (Automatic System) 14 CFR § 25.795 Compliant (Cont'd)				
1)	A330-200, A330-300 (With Mod. 50014/ MP D44099) (Cont'd)				
b)	OPEN Light	В	1	0	<ul> <li>(O) May be inoperative provided:</li> <li>a) Door buzzer is considered inoperative, and</li> <li>b) Alternate procedures are established and used.</li> </ul>
с)	FAULT Light	С	1	0	<ul> <li>(O) May be inoperative provided:</li> <li>a) NORM and LOCK functions are verified to operate normally,</li> <li>b) Control Unit LEDs operate normally, and</li> <li>c) Alternate procedures are established and used.</li> </ul>
d)	Buzzer	С	1	0	<ul><li>(M)(O) May be inoperative provided:</li><li>a) Keypad is deactivated, and</li><li>b) Alternate procedures are established and used.</li></ul>
е)	Keypad	С	1	0	<ul><li>(M)(O) May be inoperative provided:</li><li>a) Keypad is deactivated, and</li><li>b) Alternate procedures are established and used.</li></ul>
i)	LEDs	С	-	0	(O) May be inoperative provided alternate procedures are established and used.
					(Continued)

U.S. DEPAR	TMENT OF TRANSPORTA	TIOI	N			
FEDFRAL AV	VIATION ADMINISTRATIO	N			MASTER MINIMUM EQUIP	MENT LIST
AIRCRAFT:					IO. 17a PAGE NO.	
A330-200,	A330-200F, A330-300		DAT	E: 0	8/15/2017 52-10	
					E KEY	
SYSTEM &		1. F	$\overline{}$		CATEGORY IBER INSTALLED	
SEQUENCE	ITEM		2.1		NUMBER REQUIRED FOR DISPA	TCH
NO.				0	4. REMARKS OR EXCEPTIONS	
52. DOORS						
Sequence No.	Item	1	2	3	4	Change Bar
50-02	Cockpit Door Locking System (Automatic System) 14 CFR § 25.795 Compliant (Cont'd)					
1)	A330-200, A330-300 (With Mod. 50014/ MP D44099) (Cont'd)					
f)	Pressure Rate Sensors	С	2	1		
		Α	2	0	May be inoperative provided repairmade within 2 flight days.	irs are
g)	Door Release Strikes (Catch Spring, Solenoid, Bolt)	С	3	2	(M) One may be inoperative provious associated door release strike is removed.	ded
					NOTE: Application of the maintenance procedure is only necessa when the inoperative door release strike is failed in lo position.	ry
h)	Control Unit LEDs	С	5	0	(O) May be inoperative provided associated FAULT light is verified operate normally.	to
2)	A330-200F (With Mod. 58673/ MP D57209)	D	1	0	<ul> <li>(O) May be inoperative provided:</li> <li>a) It is deactivated in the unlongeration, and</li> <li>b) It is not required by operative regulations for the intended flight.</li> </ul>	ional

AIRCRAFT:	VIATION ADMINISTRATIO				O. 17a	PAGE NO.	
A330-200,	A330-200F, A330-300		DAT	E: 0	8/15/2017	52-11	
					E KEY		
SYSTEM &		1. 1			CATEGORY BER INSTALLE	-n	
SEQUENCE	ITEM		2.1			JIRED FOR DISPATCH	
NO.				J. 1		OR EXCEPTIONS	
52. DOORS					1. 1 (2.1)	ON EXCENTIONS	
Sequence No.	Item	1	2	3	4		Change Bar
50-03 ***	Cockpit Door Secondary Locking System (Deadbolt) 14 CFR § 25.795 Compliant	С	1	0			
1)	A330-200, A330-300 (With Mod. 52586/ MP D47666)	С	1	0		rative provided primary n operates normally.	
2)	A330-200F (With Mod. 58673/ MP D57209)	D	1	0			
<b>50-04</b> ***	Cockpit Door Secondary Barrier (With STC No. ST11686SE-T)	D	1	0	a) The se open o	operative provided: condary barrier is stowed or not used, and dures do not require its	
70-01	DOOR Indications on ECAM DOOR/OXY Page	С	_	0	visual verificat departure that and locked. NOTE: If the F one pro- cause	e inoperative provided ion is made before each affected doors are closed PSCU or at least eximity switch is the of a door caution, aircraft a pressurize.	

AIRCRAFT: A330-200, SYSTEM & SEQUENCE	/IATION ADMINISTRATIO A330-200F, A330-300		//01/			ER MINIMUM EQUIPMENT	
A330-200, SYSTEM & SEQUENCE	A330-200F, A330-300	RE۱	11010				
SEQUENCE					IO. 17a 8/15/2017	PAGE NO. 52-12	
SEQUENCE		мм	EL T	ABL	E KEY		
NO.	ITEM		REP/	AIR (	CATEGORY BER INSTALL NUMBER REQ	ED UIRED FOR DISPATCH S OR EXCEPTIONS	
52. DOORS				ı	<u> </u>		Channa
Sequence No.	Item	1	2	3	4		Change Bar
71-01	Door and Escape Slide Control System						
1)	Proximity Switch Control Unit (PSCU)	С	1	0	a) A visu before affecte locked	e inoperative provided: lal verification is made e each departure that ed doors are closed and d, and ne remains unpressurized.	
2)	Proximity Switch						
а)	Passenger Doors, Lower Deck Forward, Aft, and Bulk Cargo Doors (A330-200, A330-300 Without Mod. 56338/ MP D46296)	С	-	0		may be inoperative PSCU is considered	
		В		-	pressurized fl a) Associoned fl operar b) The diconned fl	lal verification is made e each departure that ed doors are closed and	

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AIRCRAFT:	A330-200F, A330-300				IO. 17a 8/15/2017	PAGE NO. 52-13			
7,000 200,	71000 2001 , 71000 000	ММ			E KEY	02 10			
SYSTEM & SEQUENCE NO.	ITEM		REP	AIR ( NUM	CATEGORY BER INSTALLI NUMBER REQ	ED UIRED FOR DISPATCH S OR EXCEPTIONS			
52. DOORS			<u> </u>	<u> </u>	•				
Sequence No.	Item	1	2	3	4	Change Bar			
71-01	Door and Escape Slide Control System (Cont'd)					,			
2)	Proximity Switch (Cont'd)								
b)	Passenger Doors (No. 1, 2, and 4) Lower Deck Forward, Aft, and Bulk Cargo Doors (A330-200, A330-300 With Mod. 56338/ MP D46296)	С	-	0		may be inoperative PSCU is considered			
		В	-	-	pressurized fli a) Assoc mecha b) The do applied c) A visur before affected locked  NOTE: If affect completed	be inoperative for ight provided: iated door locking anisms operate normally, our override procedure is d before each flight, and al verification is made each departure that ed doors are closed and d.  cted door is reopened, the ete maintenance dure must be repeated.			
					(Continued)				

U.S. DEPAR	TMENT OF TRANSPORTA	OITA	V				
FEDERAL A\	/IATION ADMINISTRATIO	N			MASTE	R MINIMUM EQUIPMENT	LIST
AIRCRAFT:					IO. 17a	PAGE NO.	
A330-200,	A330-200F, A330-300				8/15/2017	52-14	
					.E KEY CATEGORY		
SYSTEM &		1. [			BER INSTALL	ED	
SEQUENCE NO.	ITEM					UIRED FOR DISPATCH	
90000000					4. REMARKS	OR EXCEPTIONS	
52. DOORS			I .	1 .	1 -		Change
Sequence No.	Item	1	2	3	4		Bar
71-01	Door and Escape Slide Control System (Cont'd)						
2)	Proximity Switch (Cont'd)						
с)	Cabin Emergency Passenger Doors (No. 3) (A330-200, A330-300 With Mod. 56338/ MP D46296)	С	-	0		may be inoperative PSCU is considered	
		В	2	1	pressurized fl a) Associmecha operate b) The document applied of the complete operate	diated door locking anisms are verified to the normally, the procedure is displayed before each flight, all verification is made to each departure that the doors are closed and	
					(Continued)		

SYSTEM & SEQUENCE NO.  ITEM SEQU	AIRCRAFT:	VIATION ADMINISTRATIO			_	NO. 17a PAGE NO.
SYSTEM & SEQUENCE NO.  ITEM  I	A330-200,	A330-200F, A330-300				
52. DOORS  Sequence No.   Item	SEQUENCE	ITEM		REP	AIR (	CATEGORY IBER INSTALLED
T1-01 Door and Escape Slide Control System (Control System (Co	NO.				5,550	4. REMARKS OR EXCEPTIONS
71-01  Door and Escape Slide Control System (Cont'd)  2) Proximity Switch (Cont'd)  d) Entry Doors, Lower Deck Forward, Aft, and Bulk Cargo Doors (A330-200F)  B - (O) One or more may be inoperative provided the PSCU is considered inoperative.  (O) One may be inoperative for pressurized flight provided:  a) Associated door locking mechanisms operate normally,  b) The door override procedure is applied before each flight, and  c) A visual verification is made before each departure that affected doors are closed and locked.  NOTE: If affected door is reopened, the complete maintenance procedure must be repeated.  e) Avionics Doors  C 1 0 (M)(O) May be inoperative provided prior to each departure:  a) A visual verification is made that avionics door is closed and locked, and  b) The door is pushed against to ensure it is closed and locked.				<u> </u>		Table 1
Control System (Cont'd)  2) Proximity Switch (Cont'd)  d) Entry Doors, Lower Deck Forward, Aft, and Bulk Cargo Doors (A330-200F)  B - (O) One may be inoperative for pressurized flight provided:  a) Associated door locking mechanisms operate normally, b) The door override procedure is applied before each flight, and c) A visual verification is made before each departure that affected doors are closed and locked.  NOTE: If affected door is reopened, the complete maintenance procedure must be repeated.  e) Avionics Doors  C 1 0 (M)(O) May be inoperative provided prior to each departure: a) A visual verification is made that avionics door is closed and locked, and b) The door is pushed against to ensure it is closed and locked.			1	2	3	
(Cont'd)  d) Entry Doors, Lower Deck Forward, Aft, and Bulk Cargo Doors (A330-200F)  B - (O) One may be inoperative for pressurized flight provided:  a) Associated door locking mechanisms operate normally, b) The door override procedure is applied before each flight, and c) A visual verification is made before each departure that affected doors are closed and locked.  NOTE: If affected door is reopened, the complete maintenance procedure must be repeated.  c) (M)(O) May be inoperative provided prior to each departure: a) A visual verification is made that avionics door is closed and locked, and b) The door is pushed against to ensure it is closed and locked.	71-01	Control System				
Deck Forward, Aft, and Bulk Cargo Doors (A330-200F)  B - (O) One may be inoperative for pressurized flight provided:  a) Associated door locking mechanisms operate normally,  b) The door override procedure is applied before each flight, and  c) A visual verification is made before each departure that affected doors are closed and locked.  NOTE: If affected door is reopened, the complete maintenance procedure must be repeated.  e) Avionics Doors  C 1 0 (M)(O) May be inoperative provided prior to each departure:  a) A visual verification is made that avionics door is closed and locked, and  b) The door is pushed against to ensure it is closed and locked.	2)	•				
pressurized flight provided:  a) Associated door locking mechanisms operate normally, b) The door override procedure is applied before each flight, and c) A visual verification is made before each departure that affected doors are closed and locked.  NOTE: If affected door is reopened, the complete maintenance procedure must be repeated.  e) Avionics Doors  C 1 0 (M)(O) May be inoperative provided prior to each departure: a) A visual verification is made that avionics door is closed and locked, and b) The door is pushed against to ensure it is closed and locked.	d)	Deck Forward, Aft, and Bulk Cargo Doors	С	-	0	provided the PSCU is considered
complete maintenance	e)	Avionics Doors		1	0	pressurized flight provided:  a) Associated door locking mechanisms operate normally, b) The door override procedure is applied before each flight, and c) A visual verification is made before each departure that affected doors are closed and locked.  NOTE: If affected door is reopened, the complete maintenance procedure must be repeated.  (M)(O) May be inoperative provided prior to each departure: a) A visual verification is made that avionics door is closed and locked, and b) The door is pushed against to ensure it is closed and locked.  NOTE: If avionics door is reopened, the

U.S. DEPART	TMENT OF TRANSPORT	ATIOI	V		MACTED MINIMUM EQUIDMENT LICT						
FEDERAL AV	/IATION ADMINISTRATIO	N			MASTER MINIMUM EQUIPMENT LIST						
AIRCRAFT:	A330-200F, A330-300				NO. 17a PAGE NO. 52-16						
		ММ	MMEL TABLE KEY								
SYSTEM & SEQUENCE NO.	ITEM	1. F		NUM	CATEGORY  MBER INSTALLED  NUMBER REQUIRED FOR DISPATCH  4. REMARKS OR EXCEPTIONS						
52. DOORS		<u> </u>									
Sequence No.	Item	1	2	3	4 Change Bar						
71-01	Door and Escape Slide Control System (Cont'd)										
2)	Proximity Switch (Cont'd)										
f)	Main Deck Cargo Door (A330-200F)	В	8	7	<ul> <li>(O) One may be inoperative and the aircraft can be pressurized provided: <ul> <li>a) The associated door locking mechanisms are checked to be functional before each flight, and</li> <li>b) The door override procedure is applied before each flight, and</li> <li>c) A visual check is made to confirm that the associated door is closed and locked before each flight.</li> </ul> </li> <li>NOTE: Depending on the affected proximity switch, the automatic opening/closing function of the main deck cargo door may be inoperative. In this case, the main deck cargo door needs to be operated manually.</li> </ul>						
					(Continued)						

U.S. DEPA	RTMENT OF TRANSPORTA	ATIOI	N		
FEDERAL A	AVIATION ADMINISTRATIO	N			MASTER MINIMUM EQUIPMENT LIST
AIRCRAFT:					NO. 17a PAGE NO. 52-17
		ММ	EL T	ABL	LE KEY
SYSTEM & SEQUENCE	ITEM	1. F		NUM	CATEGORY MBER INSTALLED
NO.	IILIVI			3.1	NUMBER REQUIRED FOR DISPATCH  4. REMARKS OR EXCEPTIONS
52. DOORS					
Sequence No.	Item	1	2	3	4 Change Bar
71-01	Door and Escape Slide Control System (Cont'd)				
3)	SLIDE ARMED Light				
a	A330-200, A330-300	С	8	0	(O) May be inoperative provided alternate procedures are developed and used.
b	) A330-200F	С	2	0	(O) May be inoperative provided alternate procedures are developed and used.
4)	CABIN PRESSURE Light (Passenger/Entry Doors, Lower Deck Forward, and Aft Cargo Doors)				
a	A330-200, A330-300	С	10	0	
b	) A330-200F	С	6	0	
		1			

U.S. DEPAR	RTMENT OF TRANSPORTA	ATIOI	N			
	AVIATION ADMINISTRATIO				MASTER MINIMUM EQUIPMENT LI	ST
AIRCRAFT:			VISIO	A NC	NO. 12 PAGE NO.	
A330-200	0, A330-200F, A330-300		DAT	ΓE: 1	12/14/2009 56-1	
					LE KEY	
SYSTEM &		1. F			CATEGORY	
SEQUENCE	ITEM		2.1		MBER INSTALLED NUMBER REQUIRED FOR DISPATCH	
NO.				0	4. REMARKS OR EXCEPTIONS	
56. WINDO	WS					
Sequence No.	Item	1	2	3	4	Change Bar
11-01	Front Windshields				Relief deleted with Revision 12.	
					NOTE: Refer to Aircraft Maintenance	
					Manual (AMM) or Structural	
					Repair Manual.	
11-02	Fixed Lateral Windows				Relief deleted with Revision 12.	
					NOTE: Refer to Aircraft Maintenance	
					Manual (AMM) or Structural Repair Manual.	
12-01	Sliding Windows				Relief deleted with Revision 12.	
					NOTE: Refer to Aircraft Maintenance	
					Manual (AMM) or Structural Repair Manual.	
21-01	Cabin Windows				Relief deleted with Revision 12.	
					NOTE: Refer to Aircraft Maintenance	
					Manual (AMM) or Structural Repair Manual.	

AIRCRAFT:	VIATION ADMINISTRATIO , A330-200F, A330-300				O. 17 4/05/2017	PAGE NO.	
A330-200	, A330-2001 , A330-300	8484				73-1	
					E KEY CATEGORY		
SYSTEM &					BER INSTALL	ED	
SEQUENCE NO.	ITEM					UIRED FOR DISPATCH	
NO.				10000 11	4. REMARKS	OR EXCEPTIONS	
73. ENGINE	FUEL AND CONTROL						
Sequence No.	Item	1	2	3	4		hang Bar
20-01	Flex Takeoff Mode	С	2	0		erative provided takeoff is TOGA or derated mode.	
20-02	Minimum Idle on Ground	С	2	0		noperative provided AFM penalties are applied.	
20-03 ***	Derated Takeoff Mode	D	2	0		erative provided takeoff is TOGA or FLX mode.	
<b>20-04</b> ***	Engine Thrust Bump (GE Engines)	D	2	0	bump is not to	erative provided benefit of aken into account for of takeoff performance.	
21-01	Items Affecting the Aircraft Fuel Consumption (PW 4000 Series Engines)	С	-	-	fuel consump INCREASED ECAM E/WD one or both e	items affecting the aircraft oftion (signaled by ENG FUEL BURN caution on ) may be inoperative on engines provided fuel increase of 2% is applied.	

AIRCRAFT:	VIATION ADMINISTRATIO				O. 17 PAGE NO.	
A330-200	, A330-200F, A330-300				4/05/2017 73-2	
					LE KEY Category	
SYSTEM & SEQUENCE NO.	ITEM  FUEL AND CONTROL	1.1		MUN	BER INSTALLED NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS	
Sequence No.	Item	1	2	3	4	Chang
25-01	FADEC	•		3	-	Bar
1)	Engine Short Time Limited Dispatch Items	A	-	-	Dispatch is allowed with engine short time limited faults present on one engine (signaled by ENG 1(2) MINOR FAULT caution on ECAM EWD) provided repairs are made in a period of time not exceeding 300 flight-hours, or 20 consecutive calendar-days, whichever occurs first.	
2)	FADEC Channel A (PW 4000 Series Engines)	Α	2	1	Except for ER operations, one may be inoperative provided repairs are made within 10 calendar-days.	
3)	EPR Control Mode ((PW 4000 or RR Trent Series Engines) and Without Mod.200384/ MP S30757)	С	2	0	<ul> <li>(O) Except for ER operations, may be inoperative provided:         <ul> <li>a) The N₁ rated control mode operates normally on both engines (ENG 1(2) N₁ DEGRADED MODE caution not displayed on ECAM),</li> <li>b) Flight Manual performance penalties are applied, and</li> <li>c) The Autothrust function is considered inoperative.</li> </ul> </li> </ul>	
4)	EPR Control Mode ((PW 4000 or RR Trent Series Engines) and With Mod.200384/ MP S30757 and Without Mod.202371/ MP S32180)	С	2	0	(O) Except for ER operations, may be inoperative provided:  a) The N <sub>1</sub> rated control mode operates normally on both engines (ENG 1(2) N <sub>1</sub> DEGRADED MODE caution not displayed on ECAM), and b) Flight Manual performance penalties are applied.	

U.S. DEPAR	TMENT OF TRANSPORTA	OITA	N		MASTE	R MINIMUM EQUIPMENT	LIST
FEDERAL A	VIATION ADMINISTRATIO	N			MAGIL	IN WINNINGWI EQUIT WENT	LIGI
AIRCRAFT:		RE\			O. 17	PAGE NO.	
A330-200,	A330-200F, A330-300		DAT	E: 04	4/05/2017	73-3	
					E KEY		
SYSTEM &		1. F			CATEGORY	TD.	
SEQUENCE	ITEM		Z. I		BER INSTALLI	UIRED FOR DISPATCH	
NO.				0.1		OR EXCEPTIONS	
73. ENGINE	FUEL AND CONTROL				1		
Sequence No.	Item	1	2	3	4		Change Bar
25-01	FADEC (Cont'd)						
5)	A/C 115 V AC Power Supply Channel A (RR Trent Series Engines)	С	2	1	(O) Except for be inoperative	r ER operations, one may e.	
6)	A/C 115 V AC Power Supply Channel B (RR Trent Series Engines)	С	2	0	(O) One or bo	oth may be inoperative.	

	TMENT OF TRANSPORTA		V		MASTE	R MINIMUM EQUIPMENT	LIST
	VIATION ADMINISTRATIO		//016	N 1 N 1	10. 47	DA OF NO	
AIRCRAFT:	A330-200F, A330-300	ΚΕ			O. 17 4/05/2017	PAGE NO. 73-4	
71000 200,	71000 2001 , 71000 000	BABAI				704	
					E KEY CATEGORY		
SYSTEM &					BER INSTALL	ED	
SEQUENCE NO.	ITEM					UIRED FOR DISPATCH	
110.					4. REMARKS	OR EXCEPTIONS	
73. ENGINE	FUEL AND CONTROL	1	1				
Sequence No.	Item	1	2	3	4		Change Bar
25-02	EIU	C	2	1	provided:  a) Associare co b) Autoth inoper. c) Minimuconsid d) Flighto following approper (e.g., conduction the and the revers applying e) Appropriation adjusting thrust.	um idle on ground is lered inoperative, crew is provided with the ng statement via priate means dispatch release, MEL (O) dure): "For a landing cted with one unavailable reverser, ensure that both exthrust levers are retarded IDLE detent for the flare e touchdown. Select both e control levers when ng reverse thrust.", and priate performance ments for an inoperative reverser are applied.	

U.S. DEPAR	TMENT OF TRANSPORT	ATIOI	N			
FEDERAL A	VIATION ADMINISTRATION	NC			MASTER MINIMUM EQUIPMENT I	LIST
AIRCRAFT:	VIATION ADMINISTRATION		VISIO	ON N	O. 17 PAGE NO.	
	, A330-200F, A330-300				4/05/2017 73-5	
		ММ	EL T	ABL	E KEY	
SYSTEM &		1. F	$\overline{}$		CATEGORY	
SEQUENCE	ITEM		2. 1		BER INSTALLED	
NO.				3. ľ	NUMBER REQUIRED FOR DISPATCH  4. REMARKS OR EXCEPTIONS	
73. ENGINE	FUEL AND CONTROL				4. KEMAKKO OK EXCELLIONO	
Sequence No.	Item	1	2	3	4	Change Bar
30-01	Indications on ECAM					
1)	Fuel Used Indications (Without Mod. 57115/ MP S30194)	С	2	1	One may be inoperative provided associated inner, outer, and center (A330-200, A330-300 with Mod. 204025/MP H16690) tank fuel quantity indications for tanks containing usable fuel are operative.	
2)	Fuel Used Indications (With Mod. 57115/ MP S30194)	С	2	1	One may be inoperative provided associated inner, outer, and center (A330-200, A330-300 with Mod. 204025/MP H16690) tank fuel quantity indications for tanks containing usable fuel are operative.	
		D	2	1	One may be in degraded mode (Last three green digits with amber dashes).	
					NOTE: Fuel used indication on the ENG SD page in degraded mode is considered operative.	
		С	2	0	Both may be in degraded mode (Last three green digits with amber dashes).	
					NOTE: Fuel used indication on the ENG SD page in degraded mode is considered operative.	
3)	Fuel Filter Clog Indications	С	2	0		

U.S. DEPAR	TMENT OF TRANSPORTA	OITA	N		N44 OTF		
FEDERAL AV	VIATION ADMINISTRATIO	N			MASTE	R MINIMUM EQUIPMENT LIS	i I
AIRCRAFT:					IO. 17	PAGE NO.	
A330-200,	A330-200F, A330-300		DAT	E: 0	4/05/2017	73-6	
					E KEY		
SYSTEM &		1. [			CATEGORY BER INSTALLI	FD	
SEQUENCE	ITEM		2. 1			UIRED FOR DISPATCH	
NO.				0,000	4. REMARKS	OR EXCEPTIONS	
73. ENGINE	FUEL AND CONTROL						
Sequence No.	Item	1	2	3	4		ange Bar
30-03	Warning and Caution on ECAM EWD						
1)	ENG 1(2) FUEL FILTER CLOG						
a)	PW 4000 and RR Trent Series Engines	С	2	1	associated filt	nay be inoperative provided er is replaced once each very 15 flight-hours, curs first.	
b)	GE CF6-80E1 Series Engines	С	2	1	provided: a) The al by trou b) The as replac under	ert is confirmed to be false ubleshooting, and ssociated fuel filter is ed before the first dispatch present item and then 15 flight-hours.	
2)	ENG THRUST LOSS	С	1	0	performance is systems selected Both espectations. Both a All wind and	engine bleed air supply	
3)	ENG 1(2) FADEC IDENT FAULT (RR TRENT Series Engines)	С	2	0	no disagreem associated en contained in t	operative provided there is ent between the agine identification he FADEC and the written on the engine plate.	
					(Continued)		

TMENT OF TRANSPORTA	TION					
		N		MASTE	R MINIMUM EQUIPMENT I	₋IST
<u> IATION ADMINISTRATIO</u>						
A330-200F, A330-300	RE\				PAGE NO. 73-7	
	мм	FI T	ΔRI	E KEV		
	1. 1				ED.	
ITEM		2. 1				
			J. 1			
THE AND CONTROL				4. INLIMATING	OK EXCEL HONG	
	1	2	3	4		Change
	•		<u> </u>	<b>-</b>		Bar
ECAM EWD (Cont'd)						
ENG 1(2) LP SHAFT PROT LOSS (RR TRENT Series Engines)	В	2	1	One may be o	displayed on ECAM EWD.	
ENG 1(2) XWIND PROT FAULT (RR TRENT Series Engines)	<b>A</b>	2	0	a) The El FAULT RESP display airborr b) Repair of time 300 flig 20 cor	NG 1(2) XWIND PROT  F - ENG 1(2) SLOW  ONSE caution was not yed during previous ne phase, and rs are made within a period e not exceeding ght-hours or nsecutive calendar-days,	
,	ITEM  FUEL AND CONTROL  Item  Warning and Caution on ECAM EWD (Cont'd)  ENG 1(2) LP SHAFT PROT LOSS (RR TRENT Series Engines)  ENG 1(2) XWIND PROT FAULT (RR TRENT Series	A330-200F, A330-300  MMI  ITEM  TUEL AND CONTROL  Item  1  Warning and Caution on ECAM EWD (Cont'd)  ENG 1(2) LP SHAFT PROT LOSS (RR TRENT Series Engines)  ENG 1(2) XWIND PROT FAULT (RR TRENT Series	A330-200F, A330-300	A330-200F, A330-300	MASTE //ATION ADMINISTRATION  A330-200F, A330-300    REVISION NO. 17   DATE: 04/05/2017     DATE: 04/05/2017     MMEL TABLE KEY	MASTER MINIMUM EQUIPMENT I  //ATION ADMINISTRATION  REVISION NO. 17 PAGE NO.  A330-200F, A330-300  MMEL TABLE KEY  1. REPAIR CATEGORY  2. NUMBER INSTALLED  3. NUMBER REQUIRED FOR DISPATCH  4. REMARKS OR EXCEPTIONS  FUEL AND CONTROL  Item  1 2 3 4  Warning and Caution on ECAM EWD (Cont'd)  ENG 1(2) LP SHAFT PROT LOSS (RR TRENT Series Engines)  ENG 1(2) XWIND PROT FAULT (RR TRENT Series  ENG 1(2) XWIND PROT FAULT (RR TRENT Series  ENG 1(2) XWIND PROT FAULT - ENG 1(2) SLOW

AIRCRAF		/IATION ADMINISTRATIC	_			O. 13 PAGE NO.	
A330-2	200,	A330-200F, A330-300		DAT	E: 0	6/11/2012 7	74-1
						E KEY	
SYSTEM SEQUEN		ITEM	1. F		MUN	CATEGORY BER INSTALLED IUMBER REQUIRED FOR DI	ISPATCH
NO.					0. 1	4. REMARKS OR EXCEPTION	
74. IGNIT	ION						
Sequence No	<b>)</b> .	Item	1	2	3	4	Chan Bar
11-01		Ignition Emergency Power Supply Systems (RR TRENT Series Engines)	С	2	1	(O) Except for ER operations be inoperative.	s, one may
31-01		Ignition Systems					
1)		System A					
	a)	PW 4000 Series Engines (With Mod. 45686)	С	2	0	<ul> <li>(O) May be inoperative provious</li> <li>a) Associated system B normally, and</li> <li>b) Associated IGN SUPI selector is selected A engine start.</li> </ul>	operates PLY
	b)	RR TRENT Series Engines	С	2	0	(O) May be inoperative provide associated system B operate	
2)		System B	С	2	0	(O) May be inoperative.	

AIRCRA		/IATION ADMINISTRATIO		/ISIC	N NC	O. 13 PAGE NO.	
A330-	200,	A330-200F, A330-300		DAT	E: 0	6/11/2012 74-2	
						E KEY	
SYSTEM SEQUEN NO.		ITEM	1. F		NUM	CATEGORY BER INSTALLED NUMBER REQUIRED FOR DISPATO 4. REMARKS OR EXCEPTIONS	H
74. IGNI	ΓΙΟΝ						
Sequence N	0.	Item	1	2	3	4	Chang Bar
31-02		Indications on ECAM ENGINE Page					
1)		Selected Igniter					
	a)	GE CF6-80E1 and PW 4000 Series Engines	С	4	0	(M) May be inoperative provided associated ENG 1(2) IGN A(B)(A+B) FAULT caution operates normally or ECAM EWD.	
	b)	RR TRENT Series Engines	С	4	0	(M) May be inoperative provided associated ignition system is verified operate normally.	to
31-03		Warning and Caution on ECAM EWD					
1)		ENG 1(2) IGN A(B) (A+B) FAULT	С	6	3	(M) Three may be inoperative provid associated ignition system is verified operate normally.	

AIRCRAFT:	/IATION ADMINISTRATION				O. 17 PAGE NO.	
A330-200,	A330-200F, A330-300				4/05/2017 75-1	
					E KEY	
SYSTEM &		1. [	$\overline{}$		DATEGORY BER INSTALLED	
SEQUENCE	ITEM		2.1		NUMBER REQUIRED FOR DISPATCH	
NO.				J. 1	4. REMARKS OR EXCEPTIONS	
75. BLEED A	JR				THE TRANSPORT OF THE TR	
Sequence No.	Item	1	2	3	4	Chang
24-01	HPTCC Valve (PW 4000 Series Engines)	С	2	0	(M)(O) May be inoperative in closed position.	
24-02	LPTCC Valve (PW 4000 Series Engines)	С	2	0	(M)(O) May be inoperative in closed position.	
25-01	Core Compartment Cooling Valve (GE CF6-80E1 Series Engines)	С	2	0	(M) May be inoperative in locked open position.	
26-01	IDG Air Shutoff Valve (GE CF6-80E1 Series Engines)	С	2	0	(M)(O) May be inoperative in locked open position.	
26-02	Nacelle Core Compartment Cooling Valve (PW 4000 Series Engines)	A	2	0	<ul> <li>(M) May be inoperative provided: <ul> <li>a) The associated valve is deactivated in the closed position,</li> <li>b) The associated ENG 1(2) CTL VALVE FAULT - NAC COOL VALVE OPEN caution is no longer displayed on ECAM EWD after maintenance action,</li> <li>c) The associated ENG 1(2) COOL VALVE FAULT caution is displayed on ECAM EWD after maintenance action, and</li> <li>d) Repairs are made within a period of time not exceeding 20 consecutive calendar-days or 300 flight-hours, whichever occurs first.</li> </ul> </li> <li>NOTE: Associated engine must be running for ENG 1(2) COOL VALVE FAULT caution to be displayed.</li> </ul>	

U.S. DEPAR	TMENT OF TRANSPORTA	TIOI	V		
FEDERAL A	VIATION ADMINISTRATIO	N			MASTER MINIMUM EQUIPMENT LIST
AIRCRAFT:					NO. 17 PAGE NO.
A330-200	, A330-200F, A330-300		DAT	E: 0	04/05/2017 75-2
					LE KEY
SYSTEM &		1. 1			CATEGORY IBER INSTALLED
SEQUENCE	ITEM		2. 1		NUMBER REQUIRED FOR DISPATCH
NO.				0000	4. REMARKS OR EXCEPTIONS
75. BLEED	AIR				
Sequence No.	Item	1	2	3	4 Change Bar
26-03	Warning and Caution on ECAM EWD				
1)	ENG 1(2) COOL VALVE FAULT (PW 4000 Series Engines)	A	2	1	May be displayed on the ECAM EWD provided:  a) The associated ENG 1(2) COOL VALVE FAULT - IDG VALVE CLOSED caution is not displayed on ECAM EWD, and b) Repairs are made within a period of time not exceeding 20 consecutive calendar-days or 300 flight-hours, whichever occurs first.  May be displayed on the ECAM E/WD provided:  a) The opposite IDG operates normally, and b) Repairs are made within a period of time not exceeding 20 consecutive calendar-days or 300 flight-hours, whichever occurs first.

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U.S. DEPAR	TMENT OF TRANSPORT	ATIO	N		MASTER MINIMUM EQUIPMENT LIST			
	VIATION ADMINISTRATION		"016	~	DAGE NO.			
AIRCRAFT: A330-200	, A330-200F, A330-300	RE			O. 17 PAGE NO. 4/05/2017 77-1			
		ММ	EL T	ABL	E KEY			
CVCTEM					CATEGORY			
SYSTEM & SEQUENCE	ITEM		2.1		BER INSTALLED			
NO.	TT LIVI			3.1	NUMBER REQUIRED FOR DISPATCH			
77 FNONE	INIDIOATINO	4. REMARKS OR EXCEPTIONS						
	INDICATING				A Change			
Sequence No.	Item	1	2	3	4 Change Bar			
00-01	ECAM Indications (EWD)							
1)	EPR Indication (PW 4000 and RR TRENT Series Engines)	С	2	0	May be inoperative provided EPR control mode is considered inoperative on both engines.			
2)	Fuel Flow Indication (Without Mod. 57115/ MP S30194)	A	2	1	One may be inoperative provided repairs are made within 3 flight days.			
3)	Fuel Flow Indication (With Mod. 57115/ MP S30194)	D	2	1	One may be in degraded mode (Last three green digits with amber dashes).			
					NOTE: Fuel flow indication on the EWD in degraded mode is considered operative.			
		С	2	0	Both may be in degraded mode (Last three green digits with amber dashes).			
					NOTE: Fuel flow indication on the EWD in degraded mode is considered operative.			

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U.S. DEF	AK	TMENT OF TRANSPORT	AHOI	N		MASTER MINIMUM EQUIPMENT LIST
		/IATION ADMINISTRATION				· ·
AIRCRAF		A330-200F, A330-300	RE	_	_	IO. 17 PAGE NO. 4/05/2017 77-2
7,000 2		7,000 2001 ; 7,000 000	ММ			E KEY
CVCTEM	0					CATEGORY
SYSTEM SEQUEN		ITEM		2. 1		BER INSTALLED
NO.	_	112.			3.1	NUMBER REQUIRED FOR DISPATCH  4. REMARKS OR EXCEPTIONS
77. FNGI	NF I	NDICATING				4. REWARKS OR EXCEPTIONS
Sequence No	-	Item	1	2	3	4 Change Bar
00-02		ECAM Indications (ENGINE Page)				
1)		Nacelle Temperature	С	2	0	
2)		N₁ Vibration	С	2	1	
	a)	CF6-80E1 Series Engines	С	2	1	(M) One may be inoperative provided the accelerometer is deactivated.
						NOTE: The purpose of the maintenance procedure is to stabilize N <sub>1</sub> indications in the case of high/erratic N <sub>1</sub> vibration indication for crew convenience.
3)		N <sub>2</sub> Vibration	С	2	1	
	a)	CF6-80E1 Series Engines	С	2	1	(M) One may be inoperative provided the accelerometer is deactivated.
						NOTE: The purpose of the maintenance procedure is to stabilize N <sub>2</sub> indications in the case of high/erratic N <sub>2</sub> vibration indication for crew convenience.
4)		N₃ Vibration (RR TRENT Series Engines)	С	2	1	

U.S. DEPAR	TMENT OF TRANSPORTA	ATIOI	N		MACTE			
FEDERAL A	VIATION ADMINISTRATIO	N			IVIASTE	ER MINIMUM EQUIPMENT LIST		
AIRCRAFT: A330-200,	A330-200F, A330-300	RE\			IO. 17 4/05/2017	PAGE NO. 78-1		
		ММ	EL T	ABL	E KEY			
SYSTEM & SEQUENCE NO.	ITEM		1. REPAIR CATEGORY  2. NUMBER INSTALLED  3. NUMBER REQUIRED FOR DISPATCH  4. REMARKS OR EXCEPTIONS					
78. ENGINE	I	Ι.	1 _		Ι.	Change		
Sequence No.	Item	1	2	3	4	Bar		
30-01 1)	Thrust Reverser Systems GE CF6-80E1 and	С	2	1		nay be inoperative		
	RR TRENT Series Engines		2		provided:  a) Inoper deactiforward b) ENG 1 caution EWD 2 counting c) Flighted following approproced conduct thrust engine to the and the revers applying d) Approcedure of the description of the descript	rative thrust reverser is vated and stowed in rd thrust position, (2) REV INHIBITED in is displayed on ECAM after deactivation, crew is provided with the ing statement via priate means dispatch release, MEL (O) dure): "For a landing icted with one deactivated reverser, ensure that both the thrust levers are retarded IDLE detent for the flare interest the econtrol levers when ing reverse thrust.", and priate performance ments are applied.		
					(Continued)			

U.S. DEPAR	TMENT OF TRANSPORTA	OITA	N		MACTED	
FEDERAL A	/IATION ADMINISTRATIO	N			WASTER	R MINIMUM EQUIPMENT LIST
AIRCRAFT:						PAGE NO.
A330-200,	A330-200F, A330-300		DAT	E: 04	4/05/2017	78-2
_		_			E KEY	
SYSTEM &		1. F			CATEGORY	D
SEQUENCE	ITEM		2. 1		BER INSTALLE	IIRED FOR DISPATCH
NO.				0		OR EXCEPTIONS
78. ENGINE	EXHAUST	<u>'</u>				
Sequence No.	Item	1	2	3	4	Change Bar
30-01	Thrust Reverser Systems (Cont'd)					
2)	PW 4000 Series Engines					
a)	Control	C	2	1	a) Inopera deactiva forward b) ENG 1 caution EWD af collowing appropring (e.g., disproceduct thrust reengine to the IE and the reverse applying d) Appropring adjustm	tive thrust reverser is ated and stowed in thrust position,  (2) REV INHIBITED is displayed on ECAM feer deactivation, ew is provided with the g statement via riate means spatch release, MEL (O) ure): "For a landing ted with one deactivated everser, ensure that both thrust levers are retarded DLE detent for the flare touchdown. Select both control levers when g reverse thrust.", and riate performance nents are applied.
					(Continued)	

U.S. DEPAR	TMENT OF TRANSPORTA	OITA	V		MACTED MINII		ICT
FEDERAL A	VIATION ADMINISTRATIO	N			MASTER MINI	MUM EQUIPMENT	LIOI
AIRCRAFT:					O. 17 PAGE		
A330-200,	A330-200F, A330-300		DAT	E: 0	4/05/2017	78-3	
		_			E KEY		
SYSTEM &		1. F			CATEGORY		
SEQUENCE	ITEM		2. 1		BER INSTALLED UMBER REQUIRED	FOR DISPATCH	
NO.				0.1	4. REMARKS OR EX		
78. ENGINE	EXHAUST		<u> </u>				
Sequence No.	Item	1	2	3	4		Change Bar
30-01	Thrust Reverser Systems (Cont'd) PW 4000 Series						
_,	Engines (Cont'd)						
b)	Actuation	С	2	1	stowed position b) ENG 1 (2) RE caution is disputation is disputation is disputation is disputation is properties of the conducted with the state of the IDLE depends on the conducted with the state of the IDLE depends on the conducted with the state of the IDLE depends on the conducted with the state of the IDLE depends on the conducted with the state of the IDLE depends on the conducted with the state of the IDLE depends on the conducted with the state of the IDLE depends on the conducted with the state of the IDLE depends on the conducted with the state of	rust reverser is and secured in the on, V INHIBITED blayed on ECAM activation, provided with the ement via eans a release, MEL (O) for a landing the one deactivated or, ensure that both levers are retarded etent for the flare down. Select both ol levers when ese thrust.", and performance	

AIRCRAFT:	VIATION ADMINISTRATIO				0. 17	PAGE NO.			
A330-200	, A330-200F, A330-300		DAT	E: 0	4/05/2017	78-4			
SYSTEM &			IMEL TABLE KEY  1. REPAIR CATEGORY						
SEQUENCE NO.	ITEM		2. 1			UIRED FOR DISPATCH OR OR EXCEPTIONS			
78. ENGINE	T	1	2	3	4		Chan		
Sequence No.	Thrust Reverser	1 A	4	0		noperative provided:	Bar		
	Transcowl Lock (PW 4000 Series Engines)				a) Associopen b) Associum LOCK displate mainte c) ENG caution EWD d) Associopera e) Repaire of time 20 cor 300 fli	ciated lock is secured in position, stated ENG 1(2) REV KED caution is no longer lyed on ECAM EWD after enance action, 1(2) REV MINOR FAULT on is displayed on ECAM after maintenance action, stated thrust reverser tes normally, and irs are made within a period e not exceeding insecutive calendar-days or ight-hours, whichever is first.			
		С	4	2	one engine p	may be inoperative on rovided associated thrust onsidered inoperative.			
30-05	Thrust Reverser Short Time Limited Dispatch (PW 4000 Series Engines)	A	-	-	short time lim one or both e ENG 1(2) RE on ECAM EW made in a pe 20 consecutiv	Illowed with thrust reverser nited faults present on engines (signaled by EV MINOR FAULT caution VD) provided repairs are riod of time not exceeding we calendar-days or urs, whichever occurs first.			

U.S. DEPAR	TMENT OF TRANSPORTA	TIOI	N		
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A330-200,	A330-200F, A330-300				4/05/2017 78-5
					E KEY
SYSTEM &		1. REPAIR CATEGORY  2. NUMBER INSTALLED			
SEQUENCE	ITEM				NUMBER REQUIRED FOR DISPATCH
NO.				\$50.00	4. REMARKS OR EXCEPTIONS
78. ENGINE	EXHAUST				
Sequence No.	Item	1	2	3	4 Change Bar
30-06	Indications on ECAM EWD				
1)	REV	С	2	1	One may be inoperative provided associated thrust reverser is considered inoperative.
30-07	Warning and Caution on ECAM EWD				
1)	ENG 1(2) REV PRESSURIZED (PW 4000 Series Engines)	С	2	0	(M)(O) One or both may be displayed on the ECAM EWD provided that before each flight:  a) The caution is confirmed to be false, b) The isolation valve associated with the thrust reverser having the false caution is verified to operate normally, and c) There is no ENG 1(2) REV MINOR FAULT caution associated with the thrust reverser having a false ENG 1(2) REV PRESSURIZED caution displayed on the ECAM EWD.

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		_			E KEY	
SYSTEM & SEQUENCE NO.	ITEM	1. 1		MUN	DATEGORY BER INSTALLED NUMBER REQUIRED FOR DISPATCH	
W1000 (11)	011				4. REMARKS OR EXCEPTIONS	
79. ENGINE					T.	Chan
Sequence No.	Item	1	2	3	4	Ba
11-01	Engine Oil Tank Flapper Valves (PW 4000 Series Engines)	A	2	0	May be inoperative provided:  a) Associated oil tank filler cap is securely latched after each servicing, and b) Repairs are made within five flights.	
21-01	Air/Oil Heat Exchanger Valve (RR TRENT Series Engines)	С	2	1	(M) Except for ER operations, one may be inoperative in open position.	
31-01	Oil Quantity Indication on ECAM					
1)	GE CF6-80E1 and PW 4000 Series Engines	В	2	1	<ul> <li>(M) One may be inoperative provided:</li> <li>a) It is verified before each departure that the oil tank is filled to the recommended maximum capacity, and</li> <li>b) There is no evidence of abnormal consumption or leakage.</li> </ul>	
2)	RR TRENT Series Engines	В	2	1	<ul> <li>(M) One may be inoperative provided: <ul> <li>a) It is verified before each departure that the oil tank is filled to the recommended maximum capacity,</li> <li>b) There is no evidence of abnormal consumption or leakage, and</li> <li>c) There is no OIL LO PR SW/EEC failure message in EIVMU ground report.</li> </ul> </li> </ul>	

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U.S. DEFAR	TIMENT OF TRANSFORTA	(TIOI	V		MASTE	R MINIMUM EQUIPMENT	LIST
FEDERAL A	VIATION ADMINISTRATIO						
AIRCRAFT:		RE\			O. 17	PAGE NO.	
A330-200	, A330-200F, A330-300		DAI	E: 0	4/05/2017	79-2	
					E KEY		
SYSTEM &		1. F			CATEGORY	TD.	
SEQUENCE	ITEM		2. 1		BER INSTALL	UIRED FOR DISPATCH	
NO.				J. 1		OR EXCEPTIONS	
79. ENGINE	OIL				1		
Sequence No.	Item	1	2	3	4		Change Bar
34-01	Warning and Caution on ECAM EWD						
1)	OIL LO PR (RR TRENT Series Engines)	С	2	0			
35-01	Indications on ECAM ENGINE Page						
1)	CLOG	С	2	0			

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	/IATION ADMINISTRATIO							
AIRCRAFT: A330-200,	A330-200F, A330-300	RE\			NO. 17 PAGE NO. 79-3			
		MM	EL T	ABL	LE KEY			
SYSTEM & SEQUENCE	ITEM	1. F	$\overline{}$	MUN	CATEGORY MBER INSTALLED			
NO.	I I LIVI	3. NUMBER REQUIRED FOR DISPATCH						
	<b>-</b> "				4. REMARKS OR EXCEPTIONS			
79. ENGINE		Т.	T _	1 _	Chang			
Sequence No.	Item	1	2	3	4 Chang Bar			
35-02	Warning and Caution on ECAM EWD							
1)	OIL FILTER CLOG							
a)	GE CF6-80E1 Series Engines	С	2	1	(M) One may be inoperative provided associated filter is changed once each flight day or every 15 flight-hours, whichever occurs first.			
b)	RR TRENT Series Engines Without Mod. 56713/ MP 30133	A	2	1	(O) One may be displayed on the EWD for 15 flight-hours provided the alert is false.			
		C	2	1	(M)(O) One may be inoperative provided:  a) Associated filter is changed before the first flight and then every flight day or every 15 flight-hours, whichever occurs first, and b) Associated master chip detector is inspected before each flight and does not reveal presence of chips from engine bearings.			
					(Continued)			

U.S. DEPAR	TMENT OF TRANSPORT	ATIO	N		
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AIRCRAFT:	VIATION ADMINISTRATION		VISIO	N NC	IO. 17 PAGE NO.
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		ММ	EL T	ABL	E KEY
SYSTEM &		1. F	$\overline{}$		CATEGORY
SEQUENCE	ITEM		2.1		BER INSTALLED NUMBER REQUIRED FOR DISPATCH
NO.				J. I	4. REMARKS OR EXCEPTIONS
79. ENGINE	OIL			1	I HEIM HATCH CITY EXCELLENCE
Sequence No.	Item	1	2	3	4 Change Bar
35-02	Warning and Caution on ECAM EWD (Cont'd)				
1)	OIL FILTER CLOG (Cont'd)				
с)	RR TRENT Series Engines With Mod. 56713/ MP 30133	A	2	1	(O) One may be displayed on the EWD for 15 flight-hours provided the alert is false.
		С	2	1	<ul> <li>(M)(O) One may be inoperative provided: <ul> <li>a) The associated ENG 1(2) OIL CHIP DETECTED alert was not displayed on the EWD during the previous landing phase,</li> <li>b) Associated filter is changed before the first flight and then every flight day or every 15 flight-hours, whichever occurs first, and</li> <li>c) The associated Electronic Master Chip Detector (EMCD) is checked operative when the filter is replaced.</li> </ul> </li> </ul>
d)	PW 4000 Series Engines	С	2	1	<ul> <li>(M)(O) One may be inoperative provided: <ul> <li>a) Associated filter is changed once each flight day or every 15 flight-hours, whichever occurs first, and</li> <li>b) Associated master chip detector is inspected before each flight and does not reveal presence of chips from engine bearings.</li> </ul> </li> </ul>
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U.S. DEPAR	TMENT OF TRANSPORTA	OITA	N		MASTE	R MINIMUM EQUIPMENT	LIST
FEDERAL A	VIATION ADMINISTRATIO	N					
AIRCRAFT:			VISIC	N NC	O. 17	PAGE NO.	
A330-200	, A330-200F, A330-300		DAT	E: 04	4/05/2017	79-5	
		ММ	EL T	ABL	E KEY		
0)/07514.0		_			CATEGORY		
SYSTEM & SEQUENCE	ITEM		2. 1	NUM	BER INSTALLI	ED	
NO.	I I CIVI			3. N		UIRED FOR DISPATCH	
800000000000000000000000000000000000000					4. REMARKS	OR EXCEPTIONS	
79. ENGINE	OIL						
Sequence No.	Item	1	2	3	4		Change Bar
35-02	Warning and Caution on ECAM EWD (Cont'd)						
2)	OIL CHIP DETECTED (RR TRENT Series Engines With Mod. 56713/ MP 30133)	A	2	1	3 consecutive	displayed on the EWD for calendar-days or s, whichever occurs first.	
		A	2	1	20 consecutiv	noperative on the EWD for re calendar-days or rs, whichever occurs first, alert is false.	

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			V		MASTER MINIMUM EQUIPMENT LIST
FEDERAL A	VIATION ADMINISTRATIO		/191/	A IAC	O. 17 PAGE NO.
	, A330-200F, A330-300	IXL			4/05/2017 80-1
		ММ	EL T	ABL	E KEY
SYSTEM &		1. F			CATEGORY
SEQUENCE	ITEM		2.1		BER INSTALLED NUMBER REQUIRED FOR DISPATCH
NO.				3. 1	4. REMARKS OR EXCEPTIONS
80. STARTIN	NG			1	
Sequence No.	Item	1	2	3	4 Change Bar
11-01	Start Valve				
1)	PW 4000 and RR TRENT Series Engines	С	2	1	(M)(O) One may be inoperative provided valve is manually closed after engine start.
2)	GE CF6-80E1 Series Engines and Start Valve P/N 3290694-5 or Previous (PRE VSB 80-0007)	С	2	1	(M)(O) One may be inoperative provided:  a) The valve is manually closed after engine start, and b) The ENG 1(2) START VALVE FAULT [START VALVE NOT CLOSED] alert is not displayed on the EWD after the maintenance action.
					NOTE: The Start Air Valve P/N can be checked through the IDG access door using a mirror or a camera.
3)	GE CF6-80E1 Series Engines and Start Valve P/N 3290694-6 or Following (POST VSB 80-0007)	С	2	1	<ul> <li>(M)(O) One may be inoperative provided valve is manually closed after engine start.</li> <li>NOTE: The Start Air Valve P/N can be checked through the IDG access door using a mirror or a camera.</li> </ul>
11-02	ENG MAN START Control	С	2	0	, and the second
11-03	FAULT Light on ENG MASTER PANEL	С	2	0	

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_	, A330-200F, A330-300				4/05/2017 80-2	
		MM	EL T	ABL	E KEY	
SYSTEM & SEQUENCE NO.	ITEM	1. F		NUM	CATEGORY BER INSTALLED NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS	
80. STARTIN	IG			1		12.
Sequence No.	Item	1	2	3	4	Chan Bar
11-04	Indications on ECAM ENGINE Page Start Valve Position Indication					
a)	PW 4000 and RR TRENT Series Engines	С	2	0	(M)(O) May be inoperative provided associated start valve is verified closed after engine start.	
b)	GE CF6-80E1 Series Engines	С	2	0	May be displayed open green after the start of the affected engine provided the associated ENG 1(2) START VALVE FAULT [START VALVE NOT CLOSED] alert is not displayed on the EWD.	
i)	Start Air Valve P/N 3290694-5 or Previous (PRE VSB 80-0007)	С	2	0	<ul> <li>(M) May be inoperative provided: <ul> <li>a) The associated start valve is verified closed after engine start, and</li> <li>b) The ENG 1(2) START VALVE FAULT [START VALVE NOT CLOSED] alert is not displayed on the EWD after the maintenance check.</li> </ul> </li> <li>NOTE: The Start Air Valve P/N can be checked through the IDG access</li> </ul>	
ii)	Start Air Valve P/N 3290694-6 or Following (POST VSB 80-0007)	С	2	0	door using a mirror or a camera.  (M) May be inoperative provided associated start valve is verified closed after engine start.  NOTE: The Start Air Valve P/N can be checked through the IDG access door using a mirror or a camera.	